



State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Department of Administrative Services

KIMBERLY HOOD
Executive Director

Division of Facilities Construction and Management

DAVID G. BUXTON
Director

ADDENDUM #1

Date: 11 July 2007

To: Architects/Engineers

From: Matthias Mueller, Program Director, DFCM

Reference: North Temple ABC Store Expansion – 07269030
Bountiful ABC Store Reconstruction – 0727003
Taylorsville ABC Store Expansion – 06306030

Subject: **Addendum No. 1**

Pages Total pages 31

Note: This Addendum shall be included as part of the Agreement. Short listed firms shall acknowledge receipt of this Addendum by letter submitted at the time of their interview

SCHEDULE HAS NOT BEEN CHANGED

1.1 SHORT LISTING

At the time of the mandatory pre-proposal meeting, DFCM surveyed the representatives of the attending firms regarding the number of firms to be short listed. It was the consensus of the group that three (3) qualifying firms should be short listed by the project's selection committee. Consequently, DFCM shall short list to three firms that will be invited to participate in the interview stage.

1.2 SELECTION COMMITTEE

The selection committee is comprised of the following members:

John Freeman – ABC Director of Operations

Kurt Baxter – DFCM Program Director

Robyn Smith – Architect with HFS Architects

Rod Lewis – Project Manager with Broderick Henderson

1.3 QUESTIONS

Question 1:What are the addresses of the stores?

Answer: North Temple store – 1255 West North Temple, Salt Lake City;

Bountiful store – 70 South 500 West, Bountiful;

Taylorsville store – 3905 West 5400 South, Taylorsville.

Question 2:In what directions did the state anticipate expanding the North Temple and Taylorsville stores?

Answer: North Temple – there is land to the south for expansion;

Taylorsville - there is also property to the south for expansion.



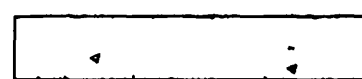


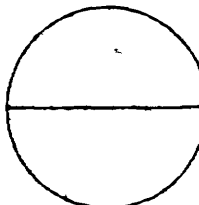
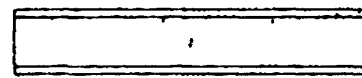
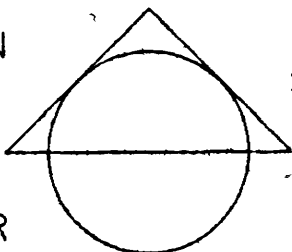

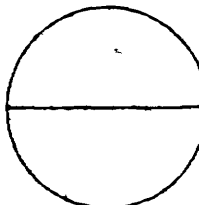

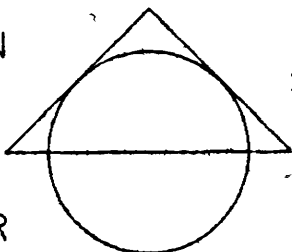
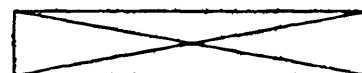
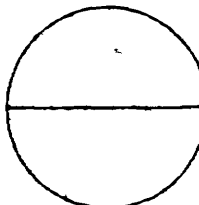

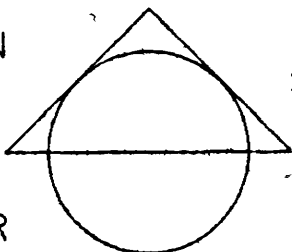
Question 3:Are plans of the existing North Temple and Taylorsville stores available for our review?

Answer: The electronic documents for the stores are attached to this addendum

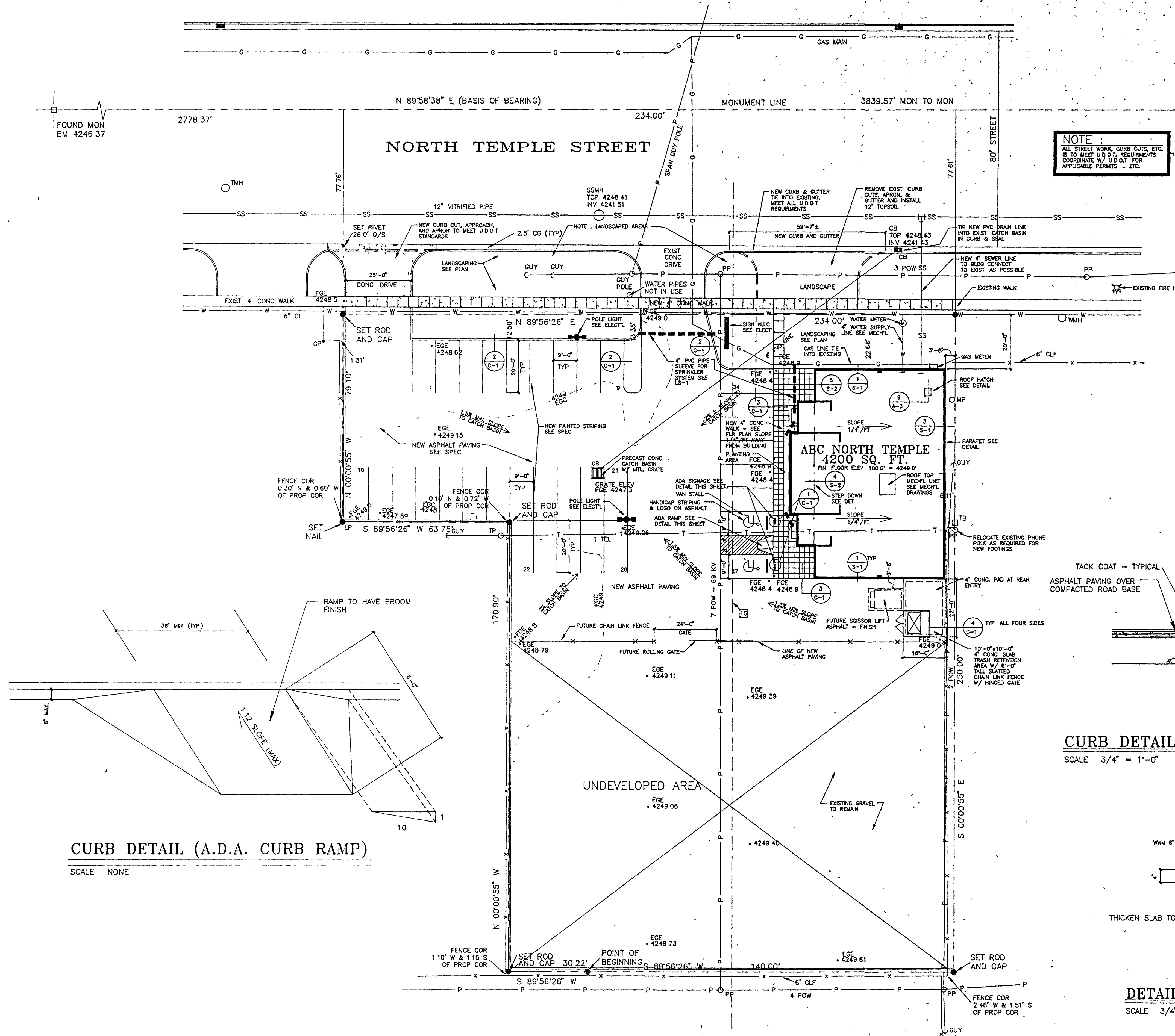
End of Addendum

DRAWING INDEX :	
NUMBER	TITLE
T-1	TITLE SHEET, INDEX, LEGEND & SYMBOLS
C-1	SITE PLAN AND DETAILS
LS-1	LANDSCAPE SPRINKLER PLAN AND DETAILS
LS-1	LANDSCAPE PLANTING PLAN AND DETAILS
A-1	FLOOR PLAN AND DETAILS
A-2	EXTERIOR ELEVATIONS AND DETAILS
A-3	BUILDING SECTION, REAR ELEVATION, AND DETAILS
A-4	FINISH AND DOOR SCHEDULES, REFLECTED CEILING PLAN, AND DETAILS
S-1	FOOTING AND FOUNDATION PLAN, ROOF FRAMING PLAN, AND DETAILS
S-2	STRUCTURAL NOTES AND DETAILS
M-1	MECHANICAL AND PLUMBING PLANS AND DETAILS
M-2	MECHANICAL NOTES AND DETAILS
E-1	ELECTRICAL SITE PLAN AND DETAILS
E-2	ELECTRICAL PLAN AND FIXTURE SCHEDULE

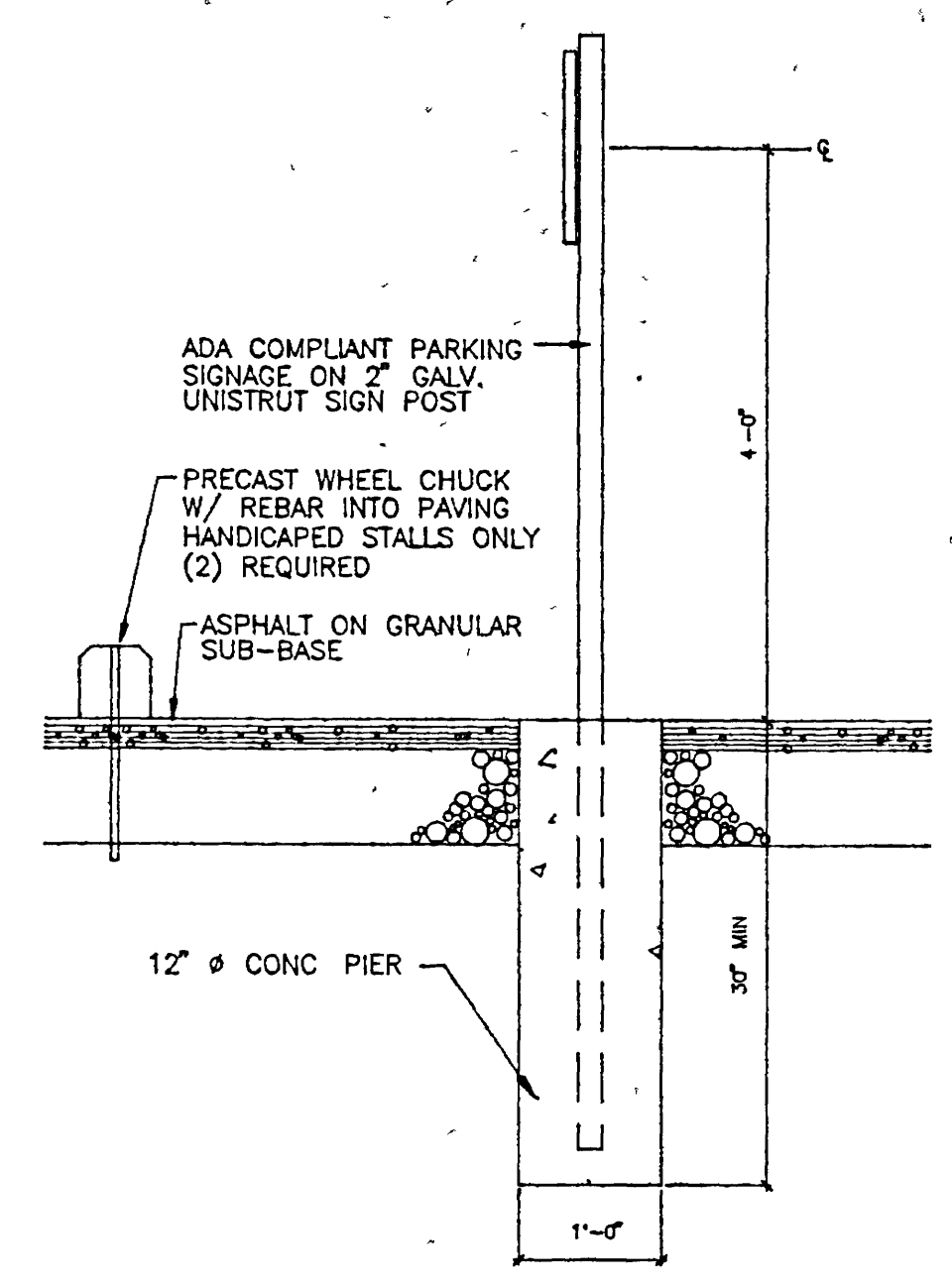
LEGEND & SYMBOLS			
ACOUST.	ACOUSTIC	SPEC	SPECIFICATION
ADJ.	ADJUSTABLE	STL	STEEL
ALUM	ALUMINUM	TJI	TRUSS JOIST
CER.TILE	CERAMIC TILE	REQ	REQUIRED
CONC.	CONCRETE	W C	WATER CLOSET
CONT.	CONTINUOUS		
DET.	DETAIL		
ELEV.	ELEVATION		
EXIST/EX	EXISTING		
EXP	EXPANSION		
FLR	FLOOR	P/L	PROPERTY LINE
F.D	FLOOR DRAIN	FGE	FINISH GRADE ELEVATION
GALV	GALVANIZED	TBC	TOP OF CURB ELEVATION
GA	GUAGE	TCE	TOP OF CONCRETE ELEVATION
GYP BD.	GYPSUM BOARD	FFE	FINISH FLOOR ELEVATION
INSUL	INSULATION	—G—	GAS LINE
MAX	MAXIMUM	—SS—	SANITARY SEWER LINE
MM	MINIMUM	—W—	WATER LINE
MTL	METAL		
N I C.	NOT IN CONTRACT		
OPN'G	OPENING		
REINF	REINFORCED		
SHT	SHEET		
O.C.	ON CENTER		

	STEEL		WINDOW NUMBERS
	CONCRETE		DOOR NUMBERS
	ACOUSTIC TILE		DETAIL
	GYPSUM BOARD		SECTION OR ELEVATION
	BRICK VENEER		SHEET NUMBER
	RIGID INSULATION		SECTION OR ELEVATION
	WOOD DIMENSIONAL LUMBER		SHEET NUMBER
	WOOD		SECTION OR ELEVATION

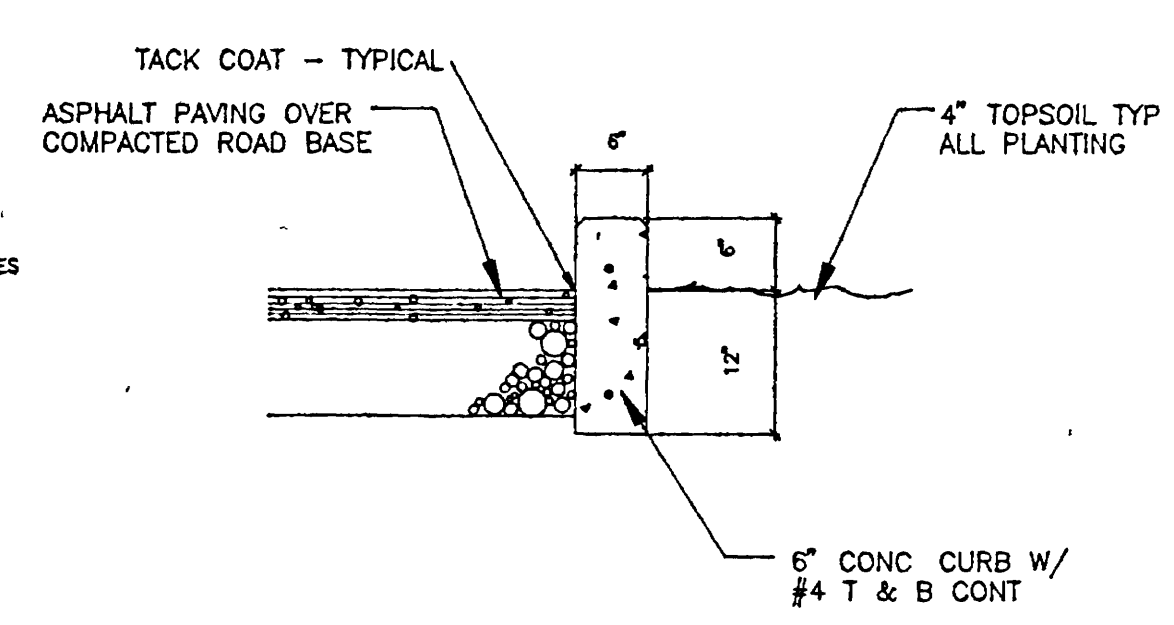
CHECKED BY _____ SHEET OF SHEETS _____



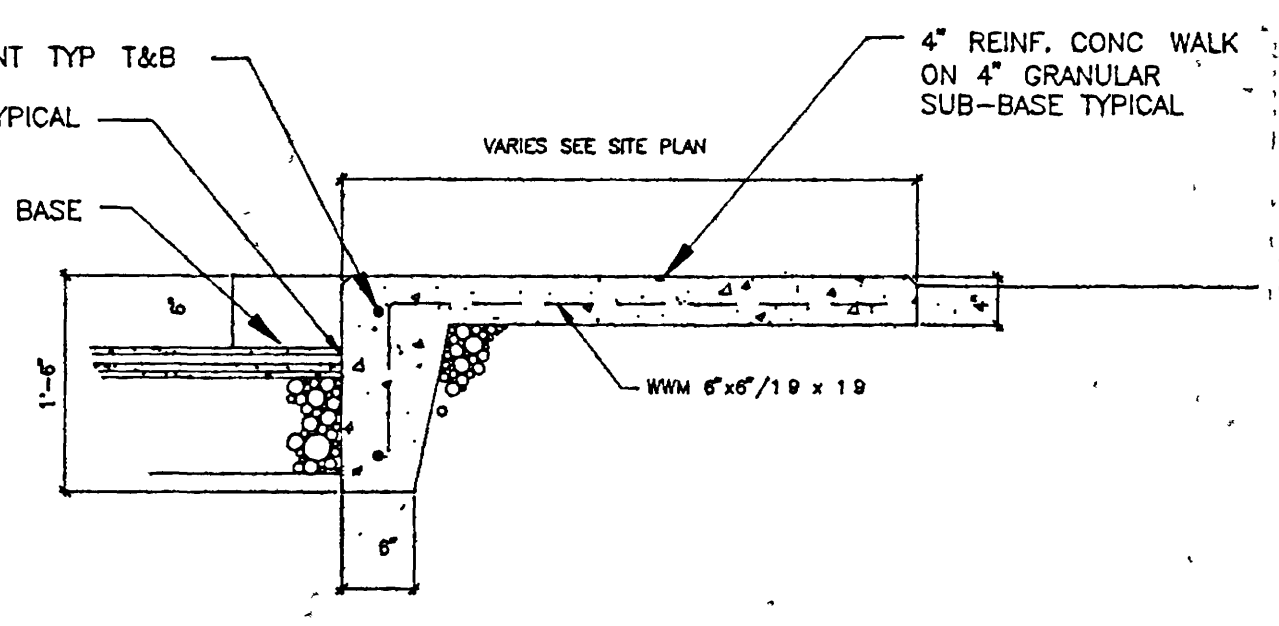
NOTE:
ALL STREET WORK, CURB CUTS, ETC.
IS TO MEET U.D.O.T. REQUIREMENTS
COORDINATE W/ U.D.O.T. FOR
APPLICABLE PERMITS - ETC.



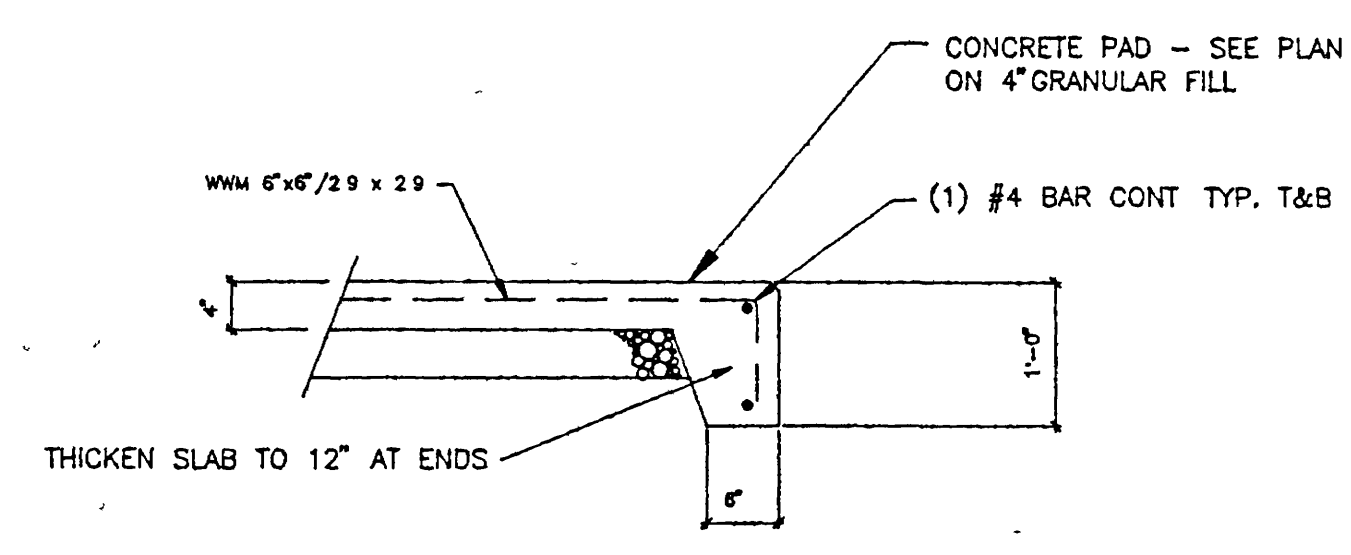
DETAIL 1
SCALE 3/4" = 1'-0"



CURB DETAIL 2
SCALE 3/4" = 1'-0"



DETAIL 3
SCALE 3/4" = 1'-0"



DETAIL 4
SCALE 3/4" = 1'-0"

CURB DETAIL (A.D.A. CURB RAMP)
SCALE NONE

SITE PLAN
SCALE 1" = 20'-0"

LEGEND			
CG	CURB AND GUTTER	CB	CATCHBASIN
T	TELEPHONE	W	WATER
MH	MANHOLE	WV	WATER VALVE
GP	GATE POST	MP	METAL POLE
LP	LIGHT POLE	MPP	METAL POWER POLE
SS	SANITARY SEWER	TP	TELEPHONE POLE
PP	POWER POLE	CLF	CHAIN LINK FENCE
TB	TELEPHONE BOX	[10]	EASEMENT/EXCEPTION
CW	CURB WALL	EGE	EXIST. GRADE ELEVATION
P	POWER LINE	EGC	EXIST. GRADE CONTOUR
		FGE	FINISH GRADE ELEVATION
		FGE	FINISH CONC. ELEVATION

VINCENT DESIGN GROUP
architects/planners

JOHN A. VINCENT
SALT LAKE COUNTY
541
State of Utah
LICENSED ARCHITECT

401 EAST 1700 SOUTH
SALT LAKE CITY, UTAH
84115 (801) 484-2046

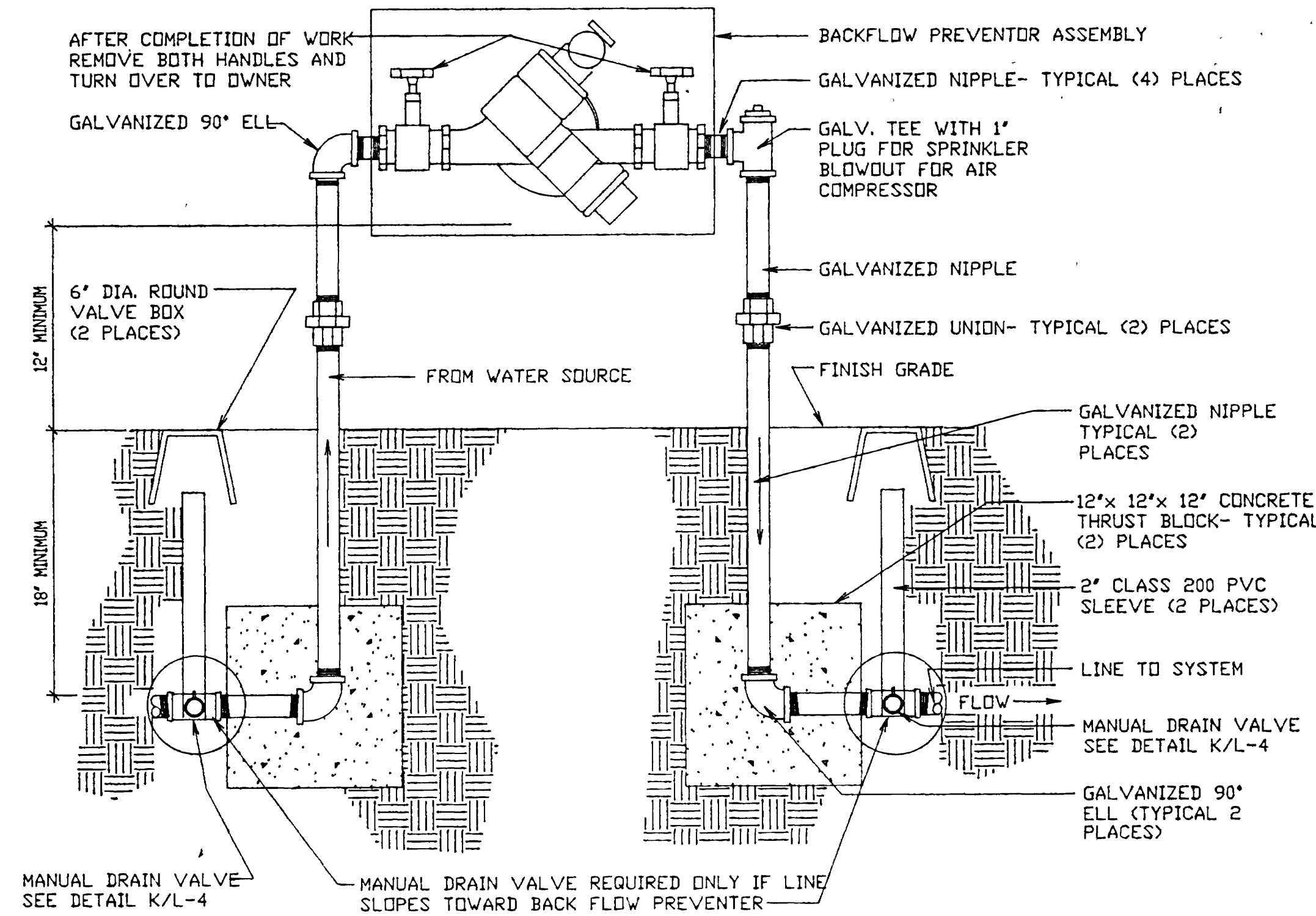
NEW BUILDING:
STATE LIQUOR STORE
ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB96147
1255 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH

SITE PLAN AND DETAILS

DATE: APRIL 7, 1997
FILE NO.: 96-53
DRAWN BY: TJP
CHECKED BY: JV

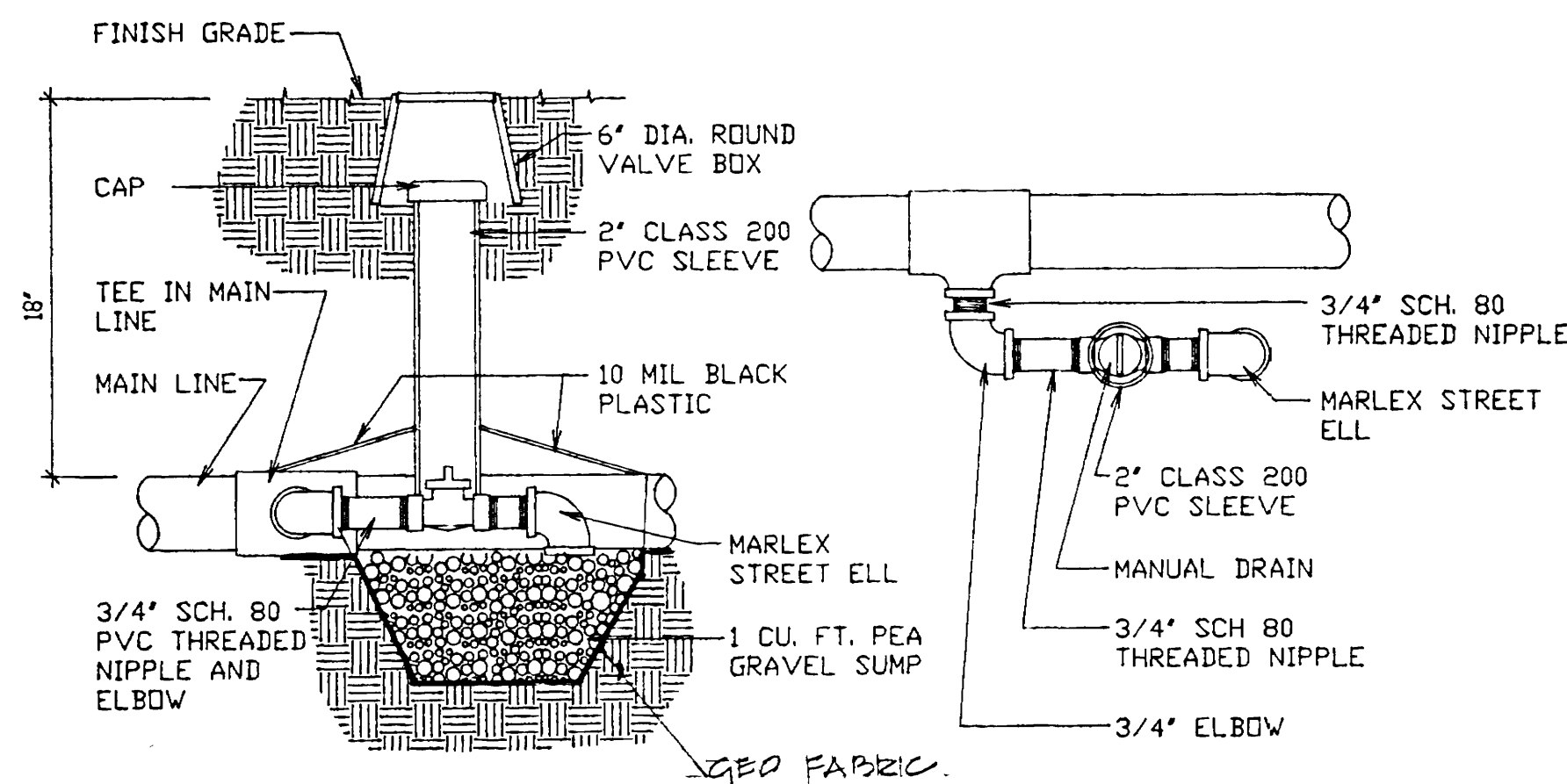
SHEET
C-1
SHEET OF SHEETS

0000EAC1
Alcoholic Beverage Control, State Liquor Store, 1255 West
North Temple Salt Lake City Utah - AB 96147
Site Plan & Details - 1/207



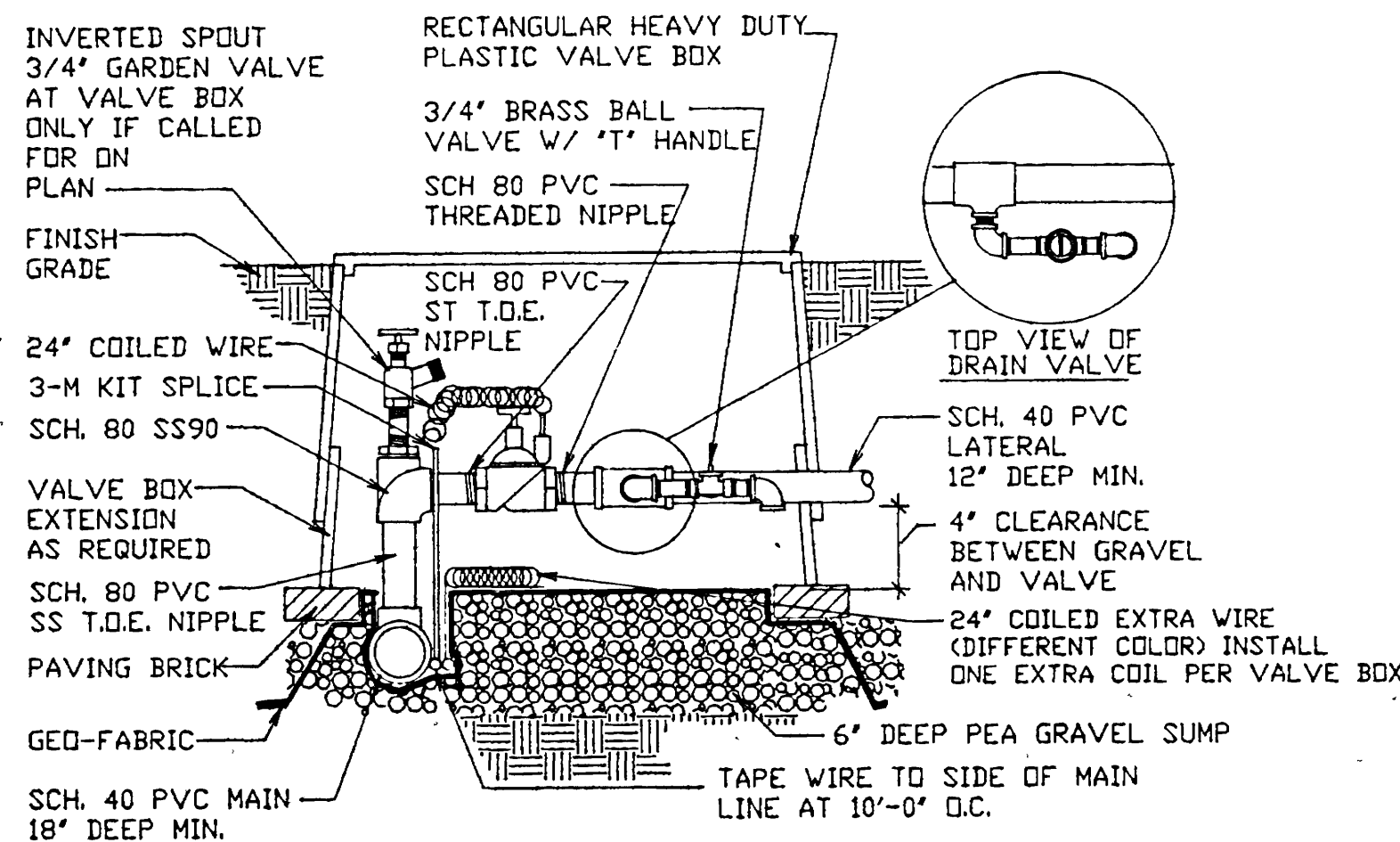
CONNECTION DETAIL

SCALE: NO SCALE



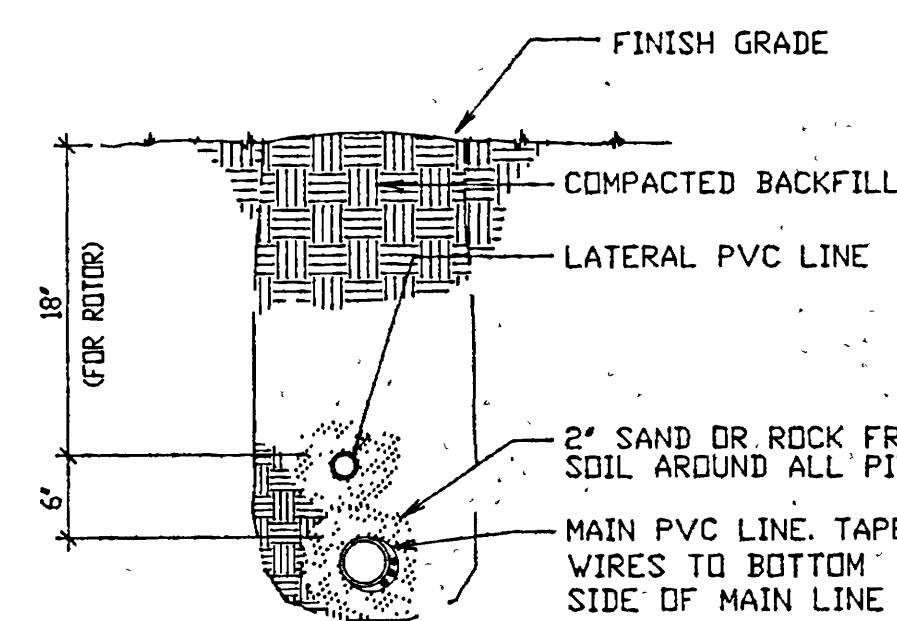
MANUAL DRAIN DETAIL

SCALE: NO SCALE



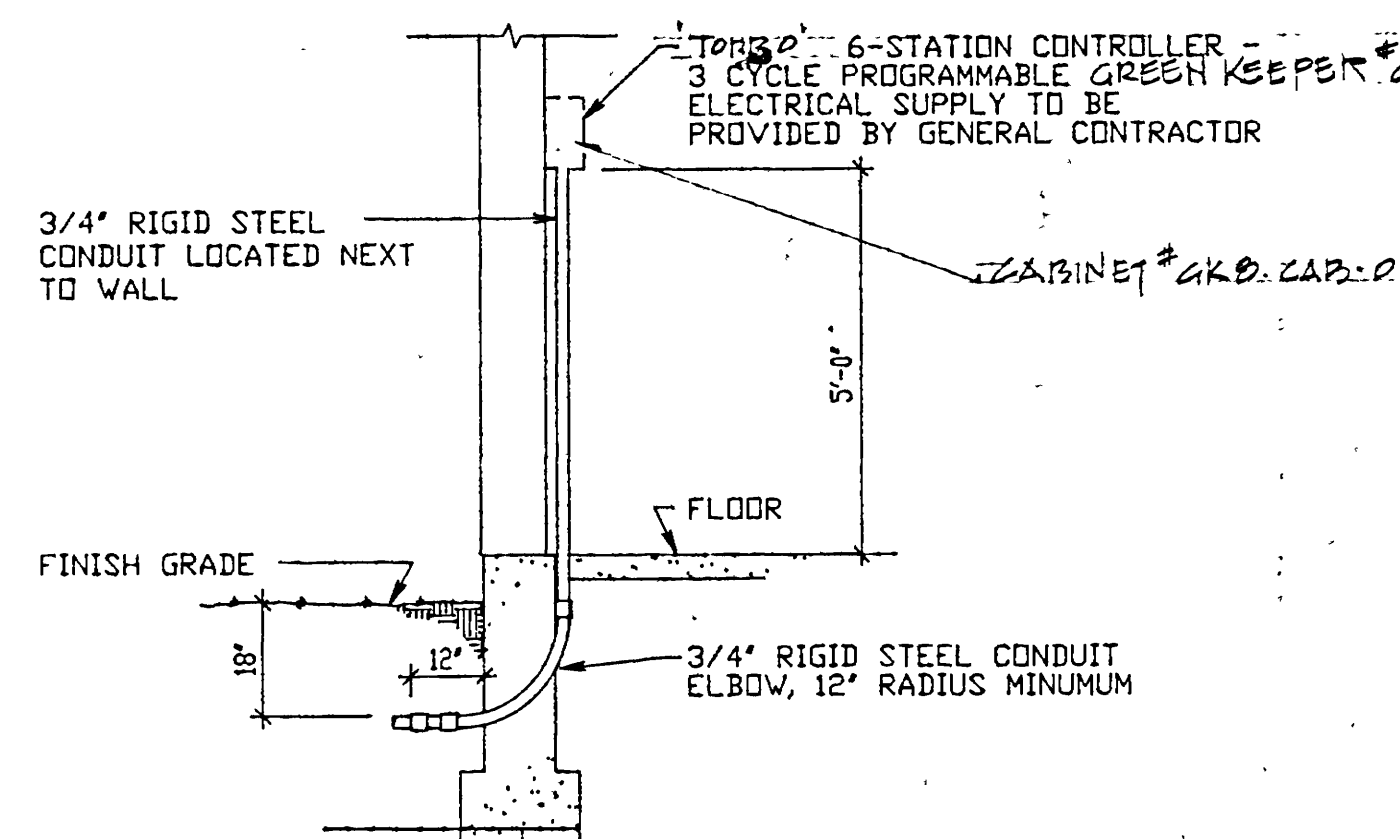
VALVE BOX DETAIL

SCALE: NO SCALE



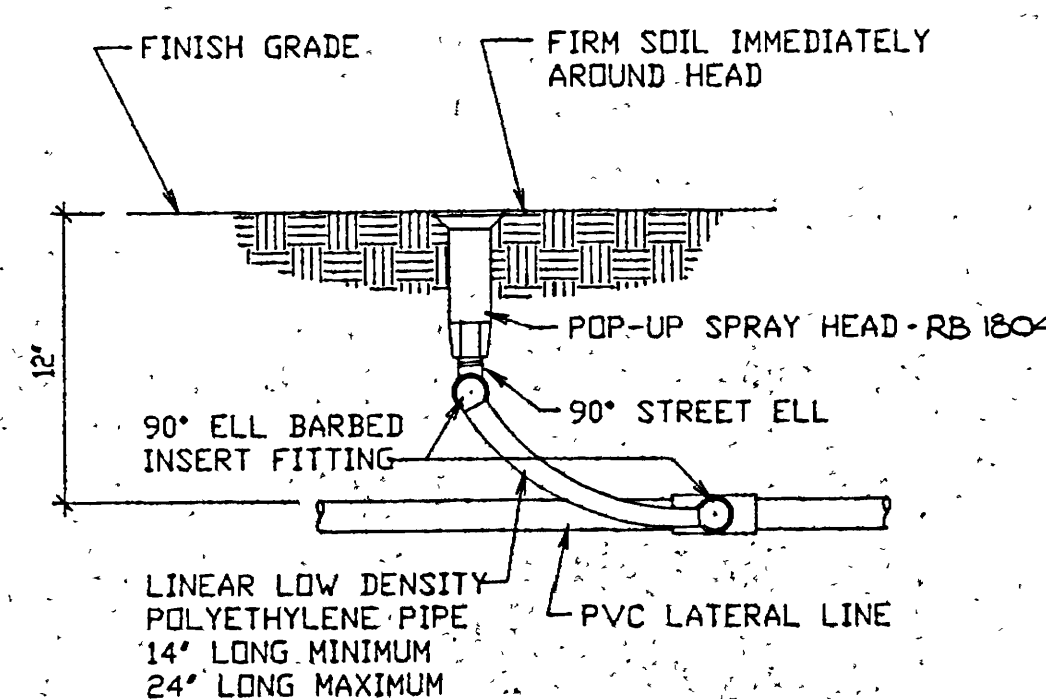
TRENCH DETAIL

SCALE: NO SCALE



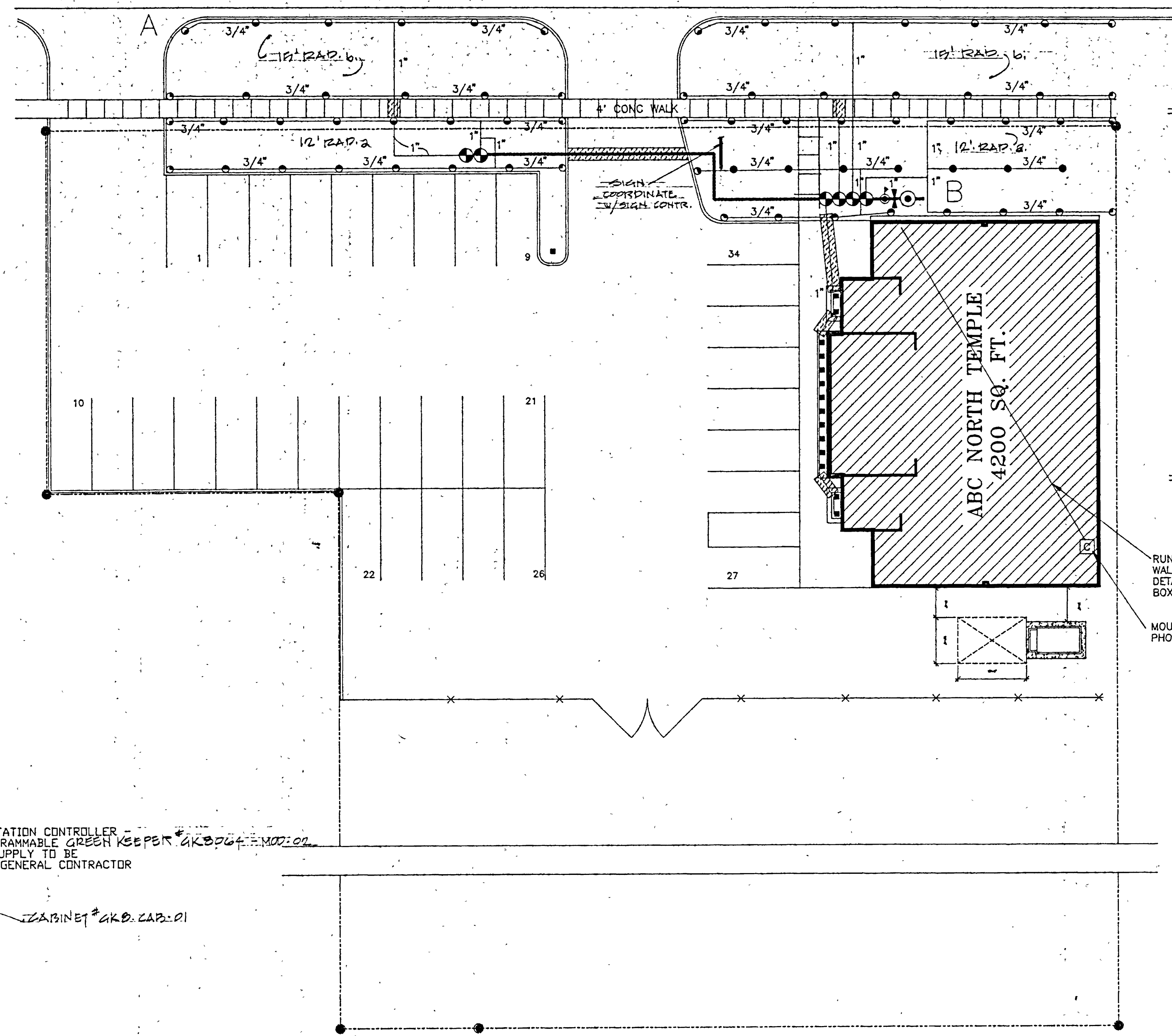
TIMER DETAIL

SCALE: NO SCALE



HEAD DETAIL

SCALE 1" = 20'-0"



SITE PLAN

SCALE 1/16" = 1'-0"

FRICTION LOSS - A-B		
STATIC PRESSURE AT POC=100 PSI REDUCED TO 55 PSI		
QTY DESCRIPTION	PSI LOSS	TOTAL
46' 3/4" SCHEDULE 40 PVC LATERAL	2.15	0.89
43' 1" SCHEDULE 40 PVC LATERAL	0.66	0.28
100' 100-PSI AUTO VALVE	2.20	2.20
108' 1" SCHEDULE 40 PVC MAINLINE	0.66	0.70
CONBRACO PRESSURE REDUCER PRV100	3.00	3.00
CONBRACO BACKFLOW DCA100	8.00	8.00
1" STOP AND WASTE VALVE	2.00	2.00
TOTAL PSI LOSS		17.17

IRRIGATION SYSTEM NOTES

- THIS SYSTEM WAS DESIGNED FOR 55 P.S.I. STATIC WATER PRESSURE, REDUCED FROM 100 PSI AND 50 GPM. VERIFY PRESSURE AND GALLONAGE AT POC.
- THIS SPRINKLER IRRIGATION PLAN IS DRAWN FOR GRAPHIC CLARITY. WHERE PIPING AND VALVES ARE SHOWN IN CONCRETE AREAS, EXCEPT WHERE CROSSING, THE INTENT IS FOR THE PIPING AND VALVES TO BE PLACED IN THE ADJACENT PLANTING AREAS.
- PROVIDE OWNER WITH COMPLETE WRITTEN INSTRUCTIONS ON HOW TO DRAIN ENTIRE BACKFLOW UNIT TO PREVENT FREEZING.

LEGEND

- 1" STOP AND WASTE VALVE
- CONBRACO BACKFLOW DCA100
- CONBRACO PRESS. RED. PRV100
- R.B. 100-PSI AUTO VALVE
- R.B. 1804 HEAD 12H
- R.B. 1804 HEAD 12T
- R.B. 1804 HEAD 12Q
- R.B. 1804 HEAD 12T
- R.B. 1804 HEAD 15H
- R.B. 1804 HEAD 15Q
- R.B. 1804 HEAD 15T
- R.B. 1401 BUBBLER
- RAINBIRD 6-STATION CONTROLLER - 3 CYCLE PROGRAMMABLE SEE DETAIL
- 1" SCH 40 MAIN LINE
- 4" ABS SLEEVE

NOTES:

INSTALL ONE MANUAL DRAIN PER VALVE BOX.

SLOPE ALL LINES TO MANUAL DRAINS.

RUN SPRINKLER CONTROL WIRE ABOVE CEILING TO WALL ADJACENT TO VALVES. RUN CONDUIT AS PER DETAIL THIS SHEET FROM CEILING SPACE TO VALVE BOX

MOUNT SPRINKLER CONTROL BOX ON PHONE BRD - SEE ELECTRICAL PLAN

VINCENT
DESIGN
GROUP

architects/planners

SUSAN CROOK
94-108517-5301
LICENSED LANDSCAPE ARCHITECT

COPYRIGHT VDG, INC.

401 EAST 1700 SOUTH
SALT LAKE CITY, UTAH
84115 (801) 484-2046

NEW BUILDING

STATE LIQUOR STORE

ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB96147

125 WEST, NORTH TEMPLE
SALT LAKE CITY, UTAH

LANDSCAPE PLAN AND DETAILS SPRINKLER PLAN

DATE 16 JAN 97

FILE NO.

DRAWN BY BRENT

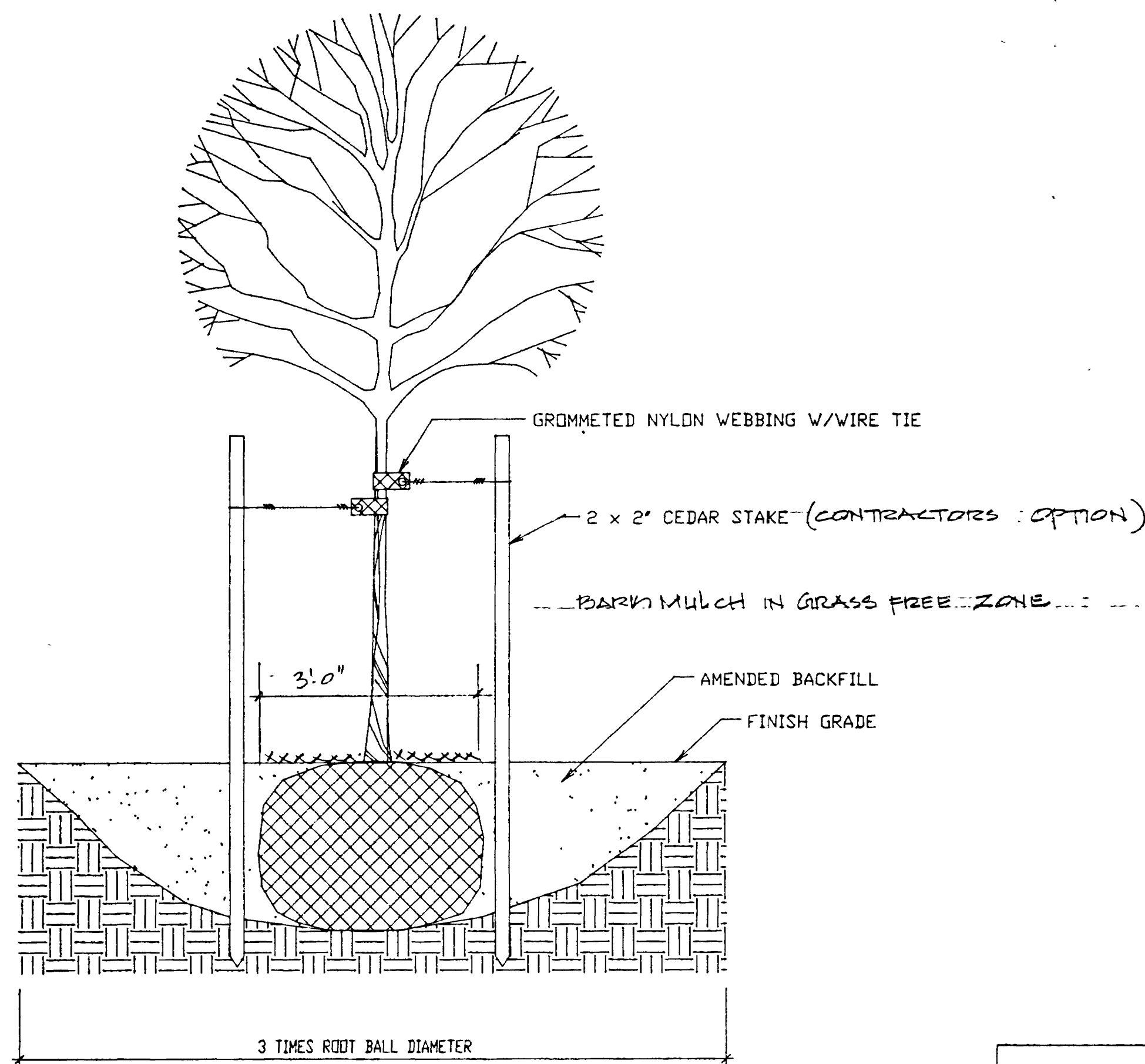
CHECKED BY

SHEET

LS-1

SHEET OF SHEETS

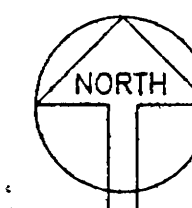
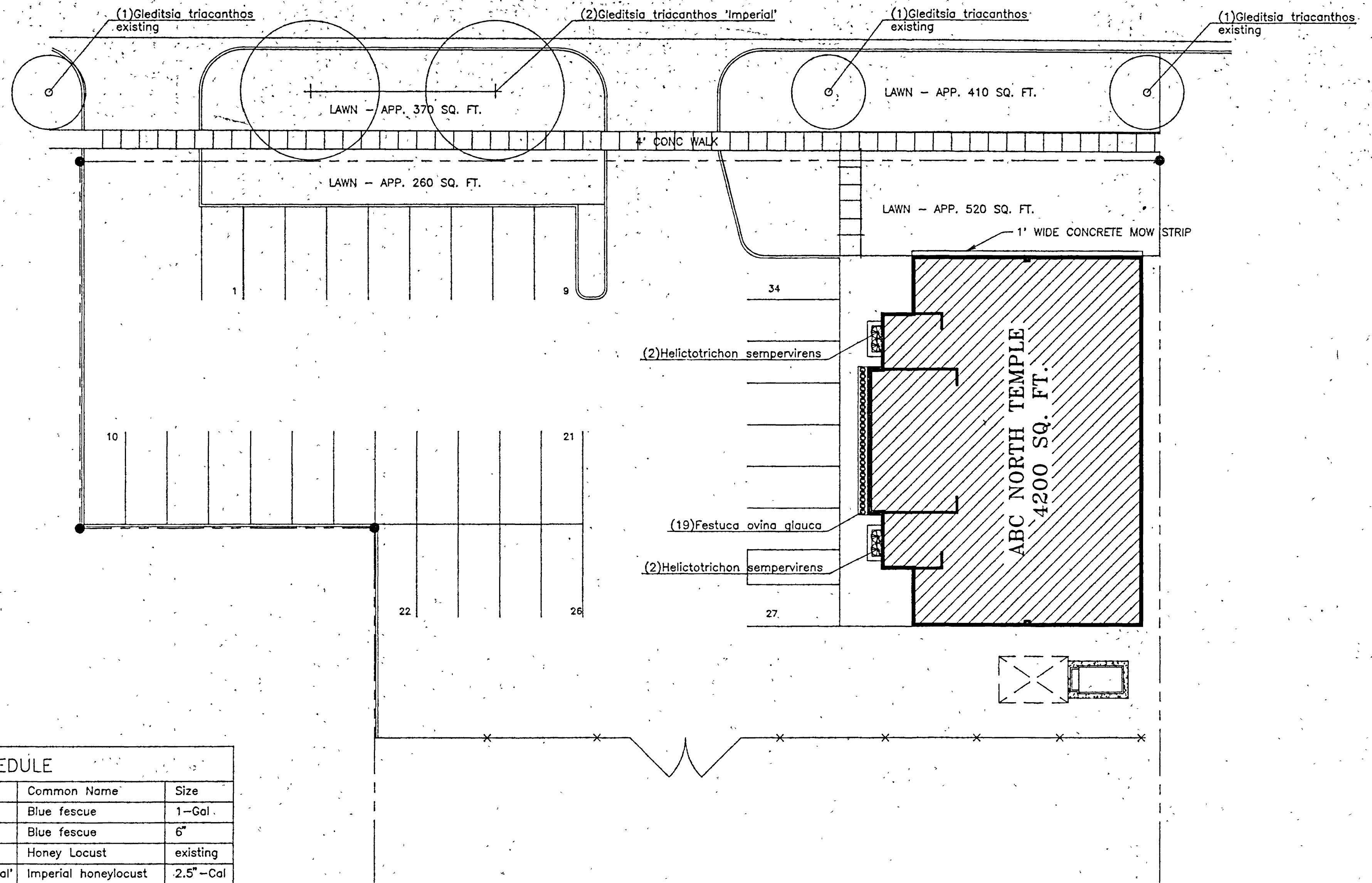
000DEALS1
Alcoholic Beverage Control, State Liquor Store, 125 West North Temple, Salt Lake City, Utah - AB96147
Landscape Sprinkler Plan & Details - 1/20/96



TREE PLANTING DETAIL

SCALE: NO SCALE

PLANTING SCHEDULE				
Symbol	Quantity	Scientific Name	Common Name	Size
	4	Helictotrichon sempervirens	Blue fescue	1-Gal.
	24	Festuca ovina glauca	Blue fescue	6"
	3	Gleditsia triacanthos	Honey Locust	existing
	2	Gleditsia triacanthos 'Imperial'	Imperial honeylocust	2.5"-Cal



PLANTING PLAN

SCALE 1/16" = 1'-0"

MAINTENANCE NOTES

- 'BONSAI' FESCUE REQUIRES ABOUT HALF THE FERTILIZER AND WATER OF BLUEGRASS. MOW TO A HEIGHT OF 2 - 2 1/2". WATER DEEPLY AND INFREQUENTLY. APPLY A COMPLETE FERTILIZER IN THE FALL.
- PRUNE EXISTING HONEYLOCUSTS TO REMOVE BROKEN AND CROSSED BRANCHES. LIMB UP TO 8 FEET FOR PEDESTRIAN ACCESS.
- REMOVE TREE STAKES AND TIES AFTER 1 YEAR. (CONTRACTOR'S OPTION)
- MAINTAIN TREE RINGS WITH MIN. 3' RADIUS FROM TRUNK.
- CUT BACK BLUE DAT GRASS TO BASE EACH SPRING.
- TOPDRESS PLANTERS WITH 3" BARK MULCH EACH SPRING.

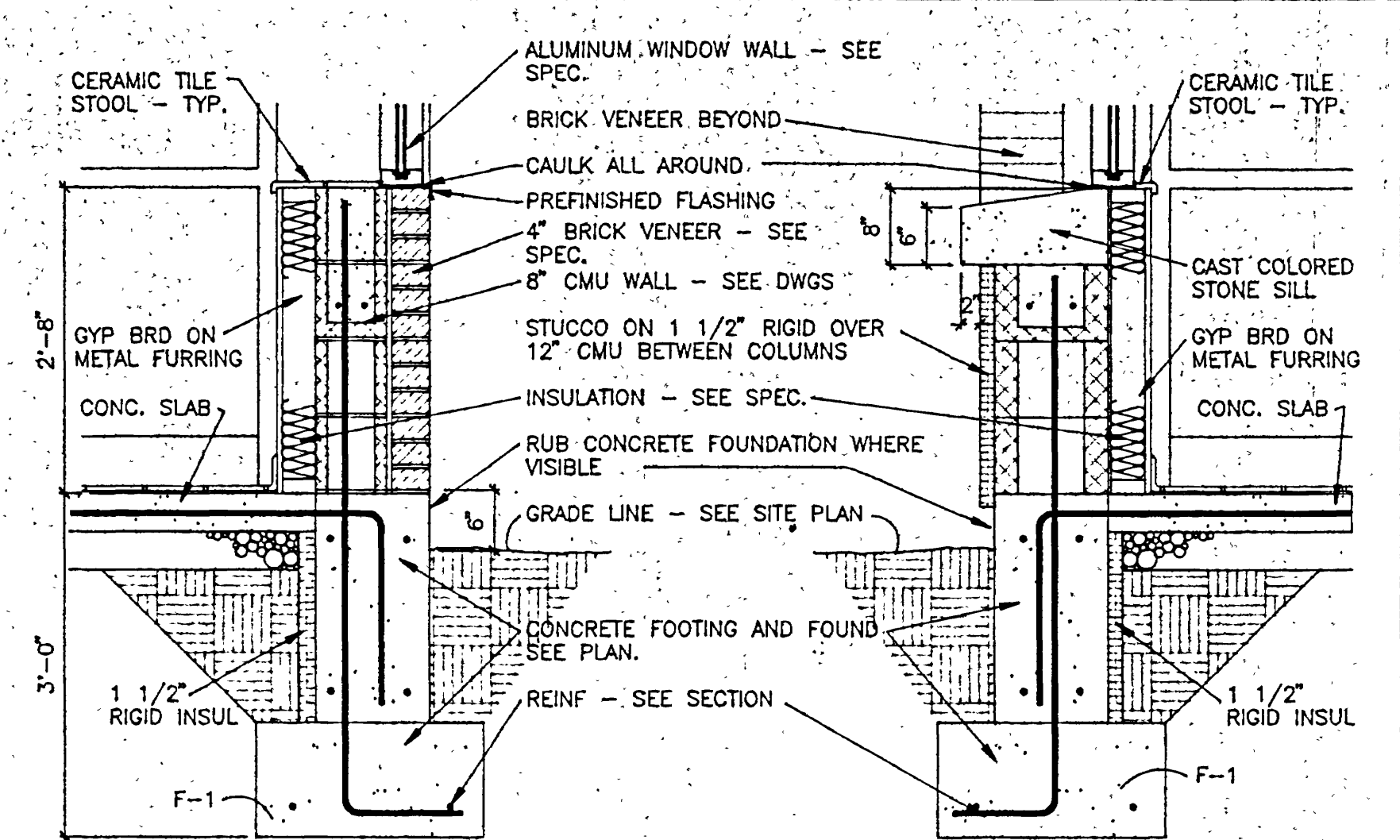
PLANTING NOTES

- SOD TO BE 'BONSAI' FESCUE. 'BONSAI' FESCUE IS AVAILABLE FROM:
LAKE MOUNTAIN FARMS
9980 S. STATE ST.
SANDY, UT 84070 . 801-562-9090

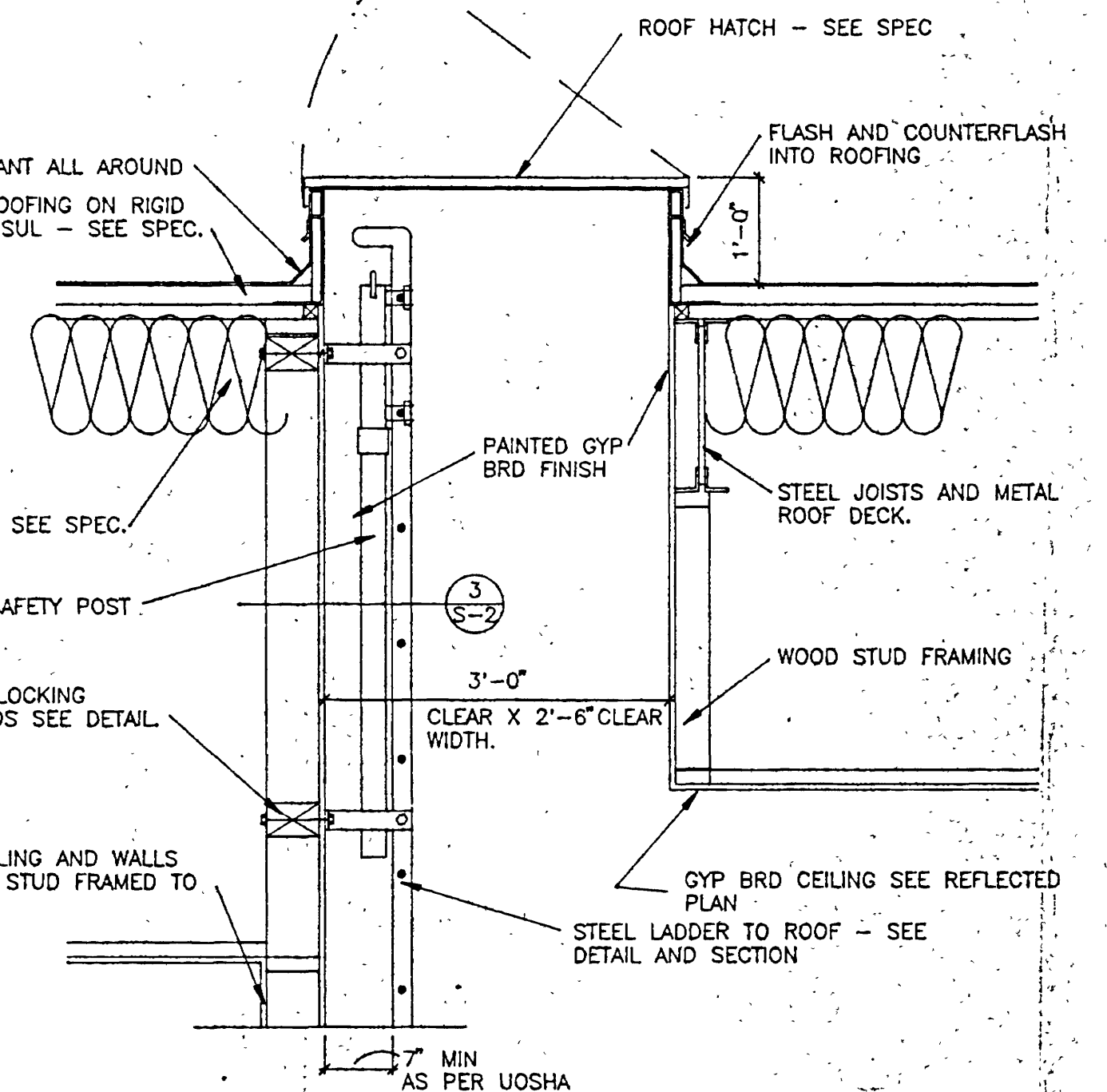
TURCO
PO BOX 191037
BOISE, ID 83719 808-888-3760
CONTACT: DARWIN MCKAY
- CUT TREE RINGS WITH MIN. 3' RADIUS FROM TRUNK AROUND ALL TREES AFTER INSTALLING SOD.
- TOPDRESS PLANTERS WITH 3" BARK MULCH AFTER PLANTING.

0000EUSZ
Alcoholic Beverage Control, State Liquor Store, 1255 West North Temple, Salt Lake City, Utah 84115-1228
Landscape Planning Plan & Details - 11/2/96

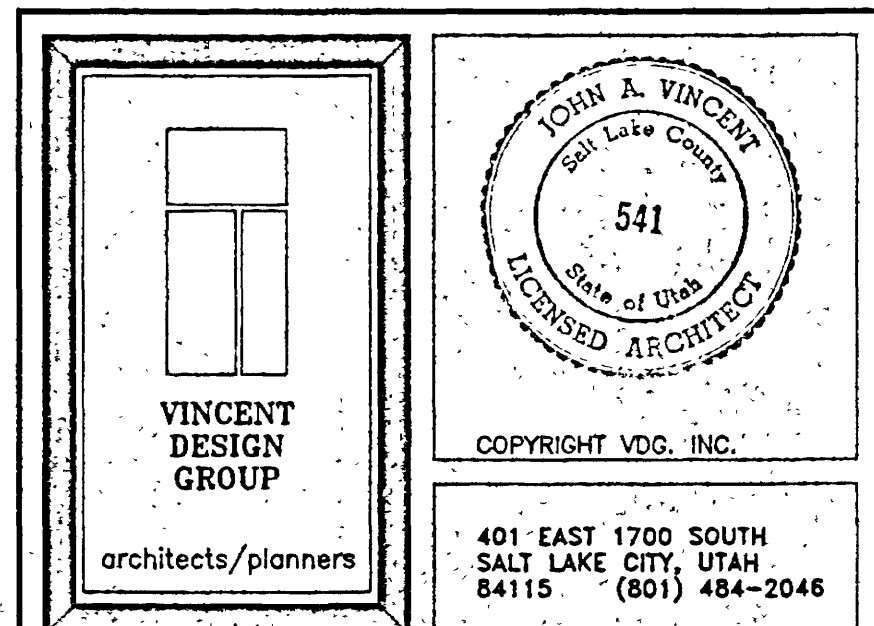
 architects/planners	 COPYRIGHT VDG. INC.
NEW BUILDING STATE LIQUOR STORE ALCOHOLIC BEVERAGE CONTROL DFCM PROJECT NO. A896147 125 WEST, NORTH TEMPLE SALT LAKE CITY, UTAH	
LANDSCAPE PLAN AND DETAILS PLANTING PLAN	
DATE 16 JAN 97 FILE NO. DRAWN BY BRENT CHECKED BY	SHEET LS-2 SHEET OF SHEETS



5



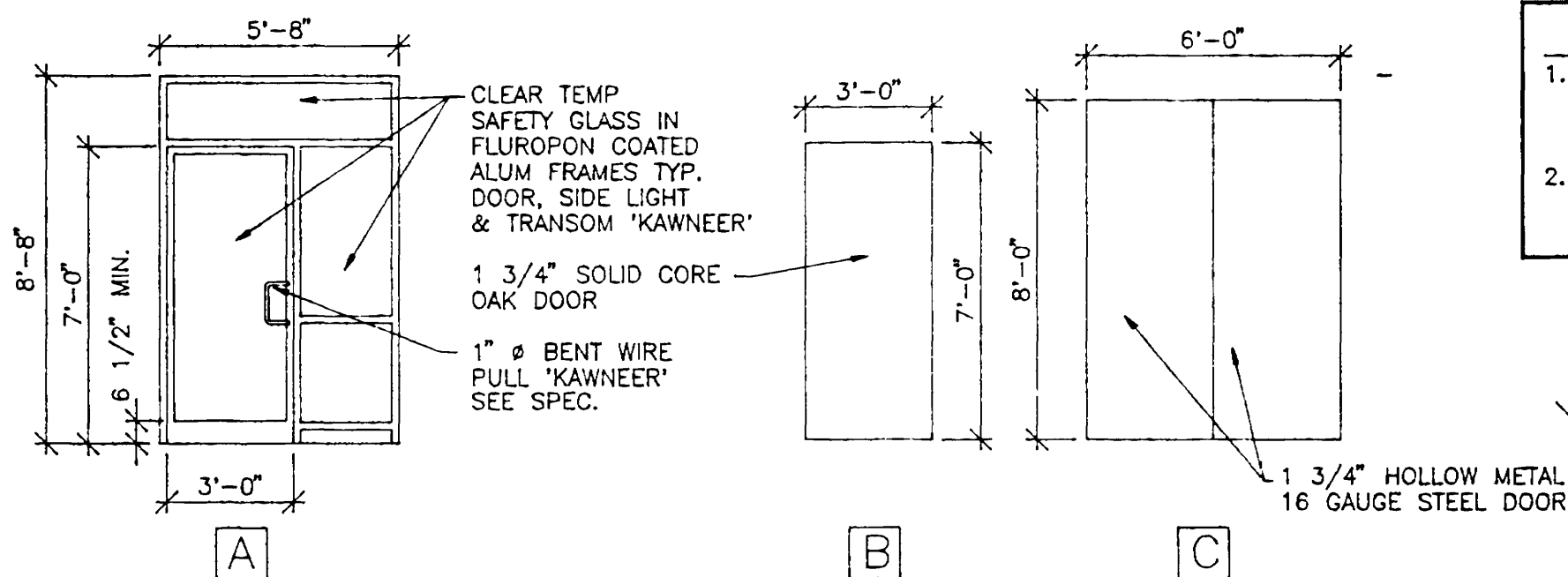
9.



B

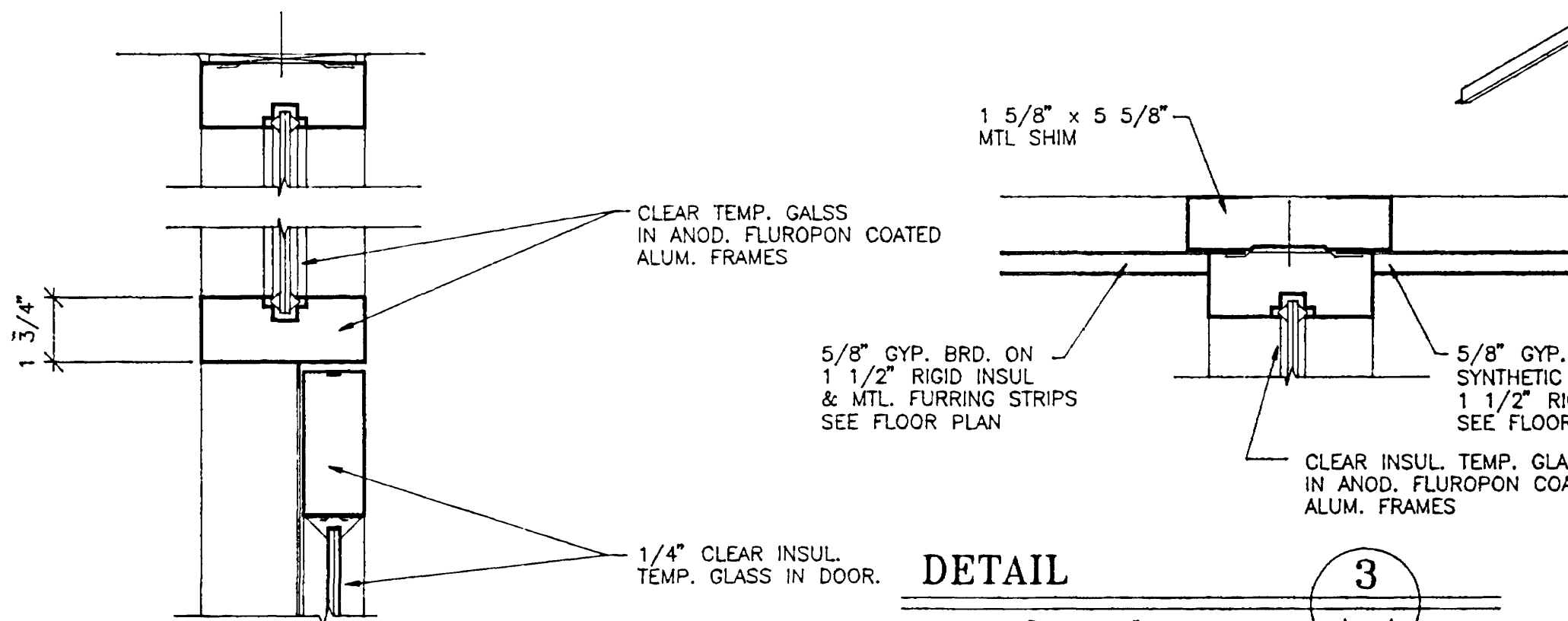
FINISH SCHEDULE										
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING	CEILING HEIGHT	REMARKS			
101	VESTIBULE					9'-6"				
102	VESTIBULE					9'-6"				
103	ENTRY					9'-6"				
104	SALES AREA					9'-6"				
105	OFFICE					9'-6"				
106	RESTROOM					9'-6"				
107	JANITOR					9'-6"				
108	WAREHOUSE					9'-6"				

DOOR SCHEDULE										
MARK	DOOR SIZE	ASSEMBLY	DETAIL	MATERIAL	DOOR TYPE	HWDR. GROUP	REMARKS			
1	3'-0" x 6'-8" x 1 3/4"		1	ALUM. ALUM.	A	H-1	PROVIDE WEATHERSTRIP & THRESHOLD			
2	3'-0" x 6'-8" x 1 3/4"		2	ALUM. ALUM.	A	H-2	PROVIDE WEATHERSTRIP			
3	3'-0" x 6'-8" x 1 3/4"		3	ALUM. ALUM.	A	H-2	PROVIDE WEATHERSTRIP			
4	3'-0" x 6'-8" x 1 3/4"		4	ALUM. ALUM.	A	H-1	PROVIDE WEATHERSTRIP & THRESHOLD			
5	3'-0" x 6'-8" x 1 3/4"		5	HOL. MTL. HOL. MTL.	C	H-3	PROVIDE WEATHERSTRIP & THRESHOLD			
6	3'-0" x 6'-8" x 1 3/4"		6	SC OAK SC OAK	B	H-4	PROVIDE MARBLE THRESHOLD 1/2" MAX			
7	3'-0" x 6'-8" x 1 3/4"		7	SC OAK SC OAK	B	H-5	45 MIN. RATED DOOR & FRAME			



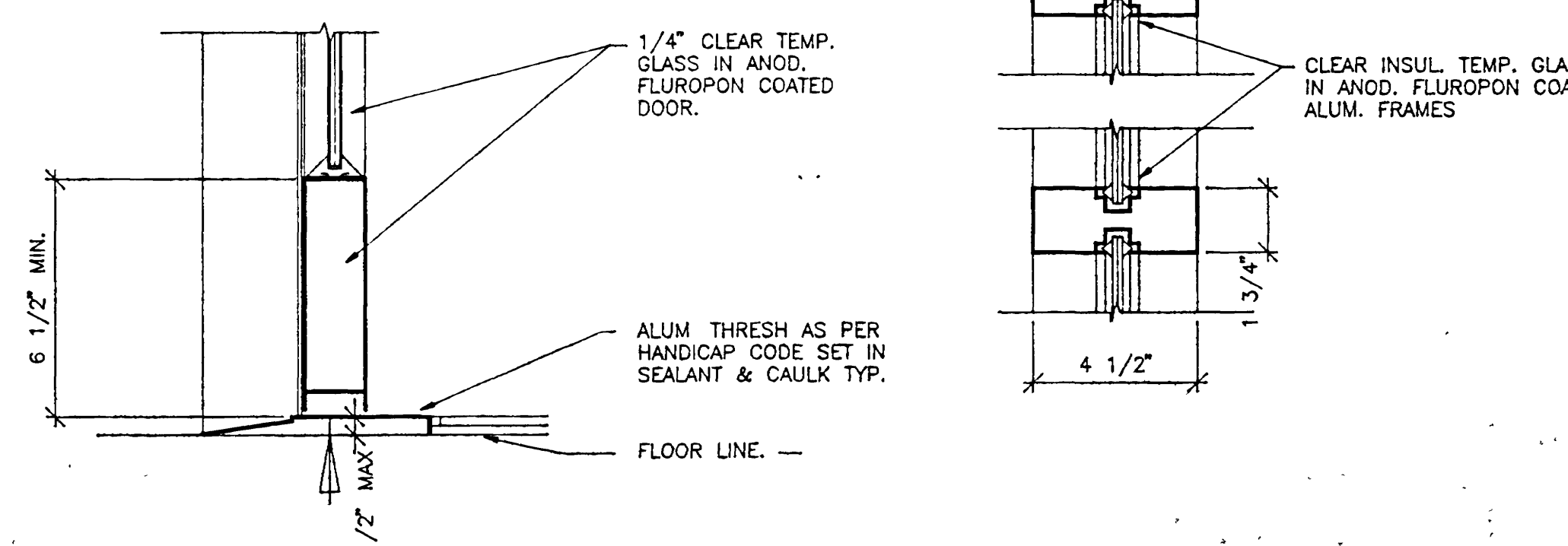
DOOR TYPES

SCALE: 1/4" = 1'-0"



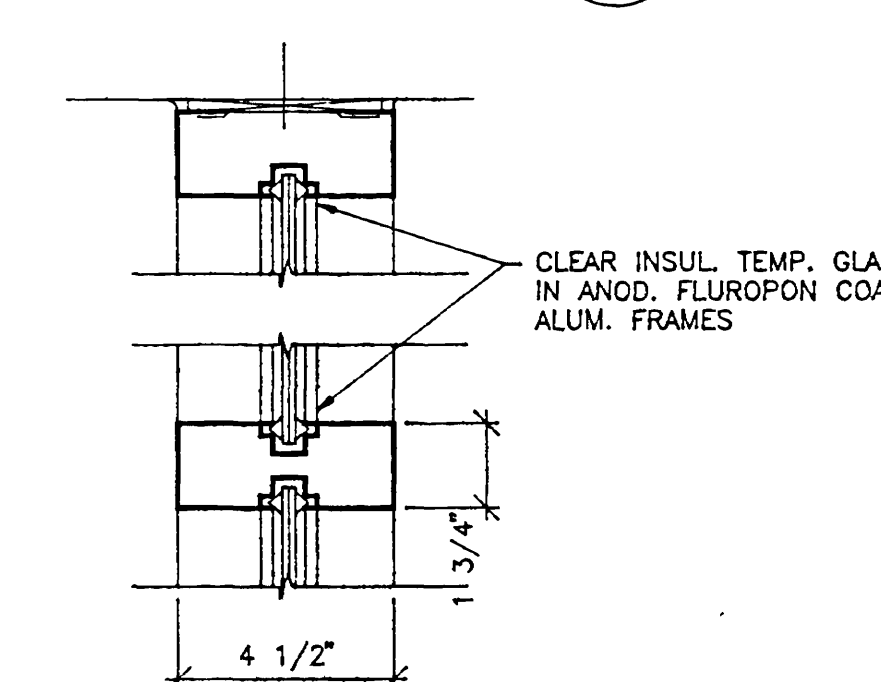
DETAIL

SCALE: 3" = 1'-0"



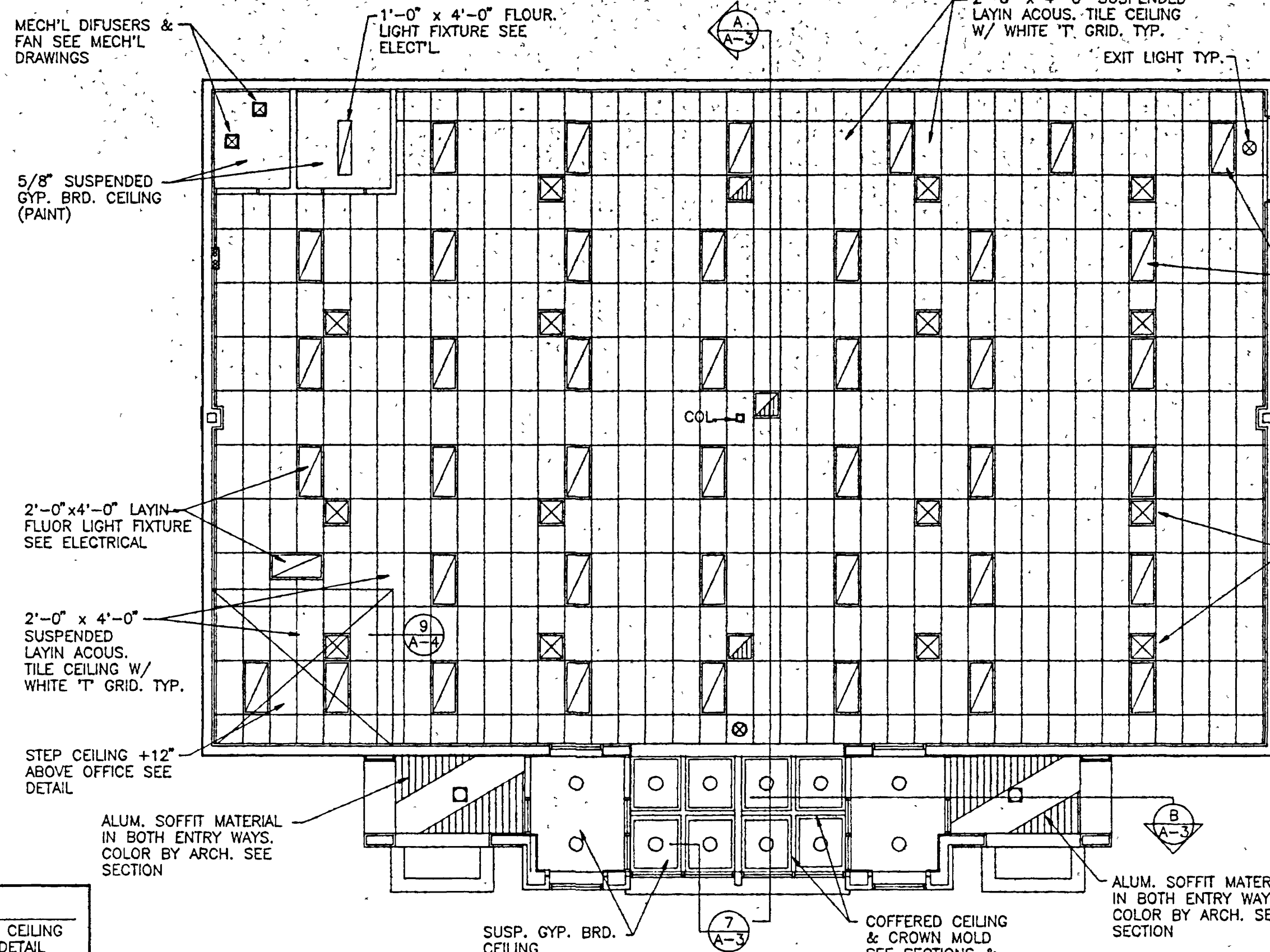
DETAIL

SCALE: 3" = 1'-0"



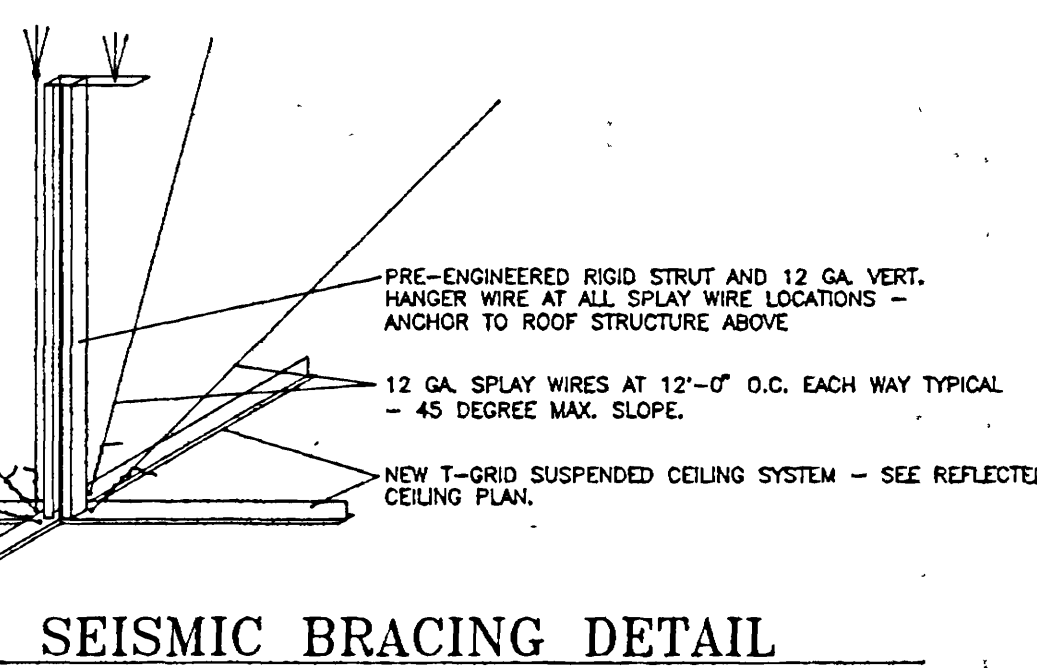
DETAIL

SCALE: 3" = 1'-0"



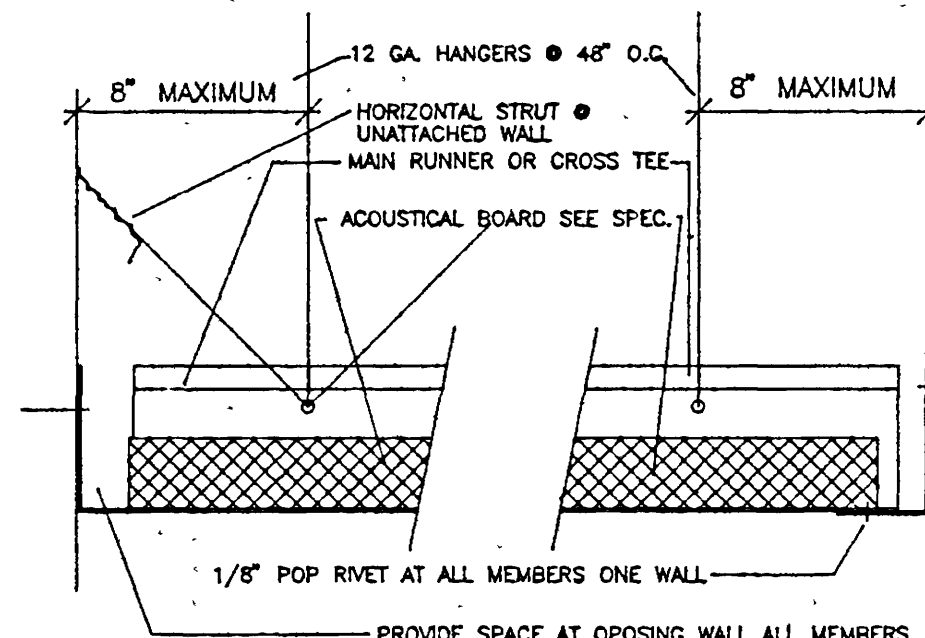
REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"



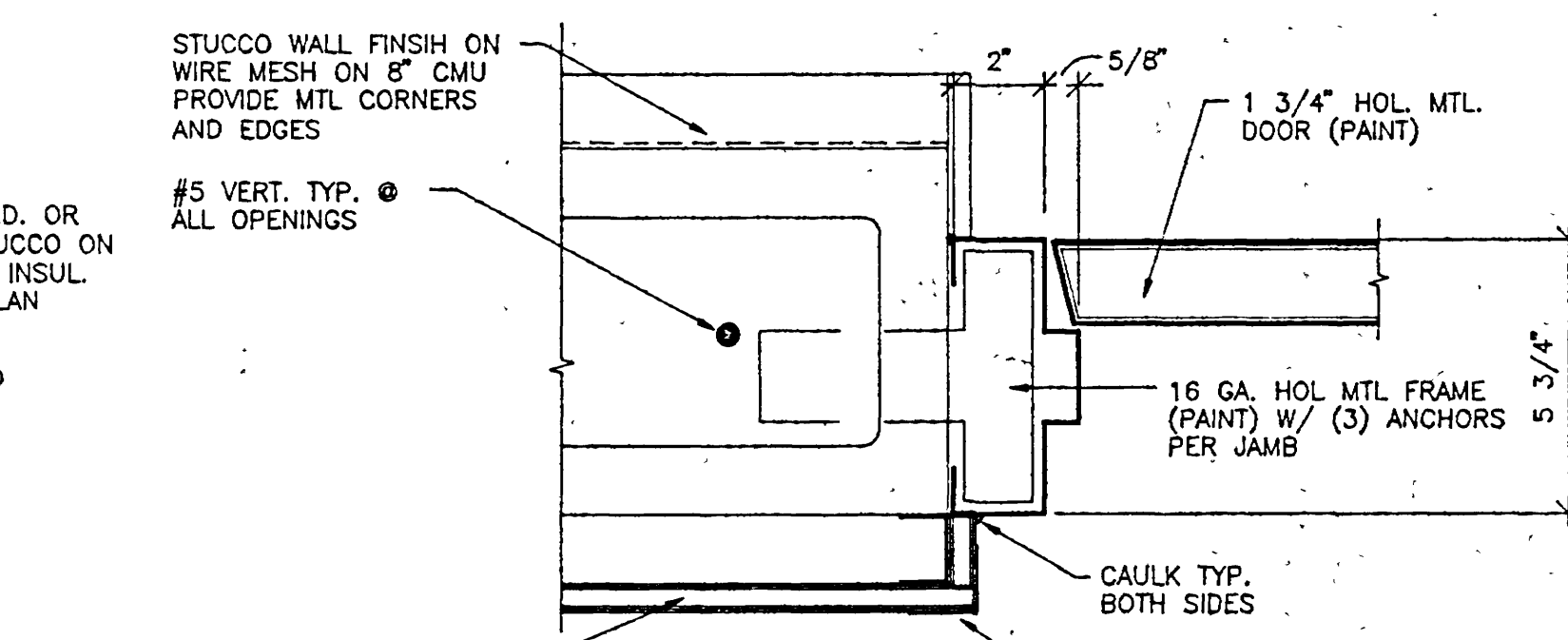
SEISMIC BRACING DETAIL

SCALE: ISOMETRIC/NONE



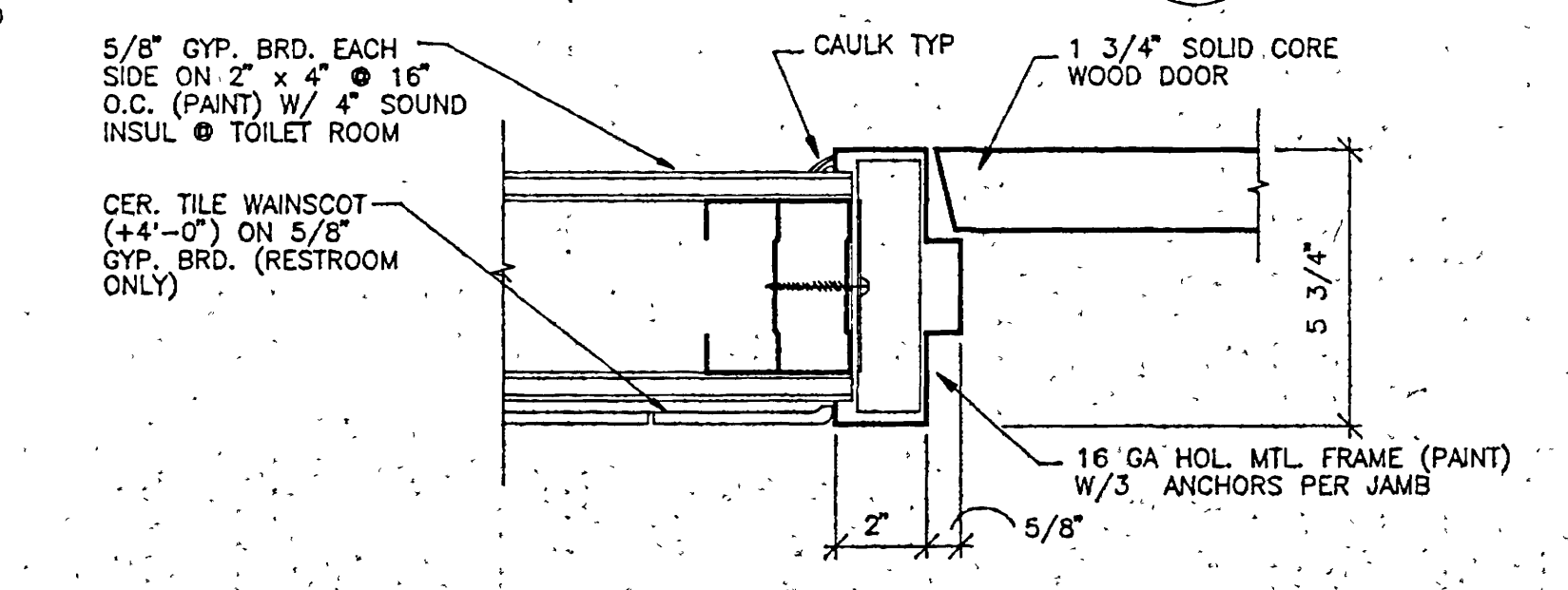
SEISMIC BRACING DETAIL

SCALE: NOT TO SCALE



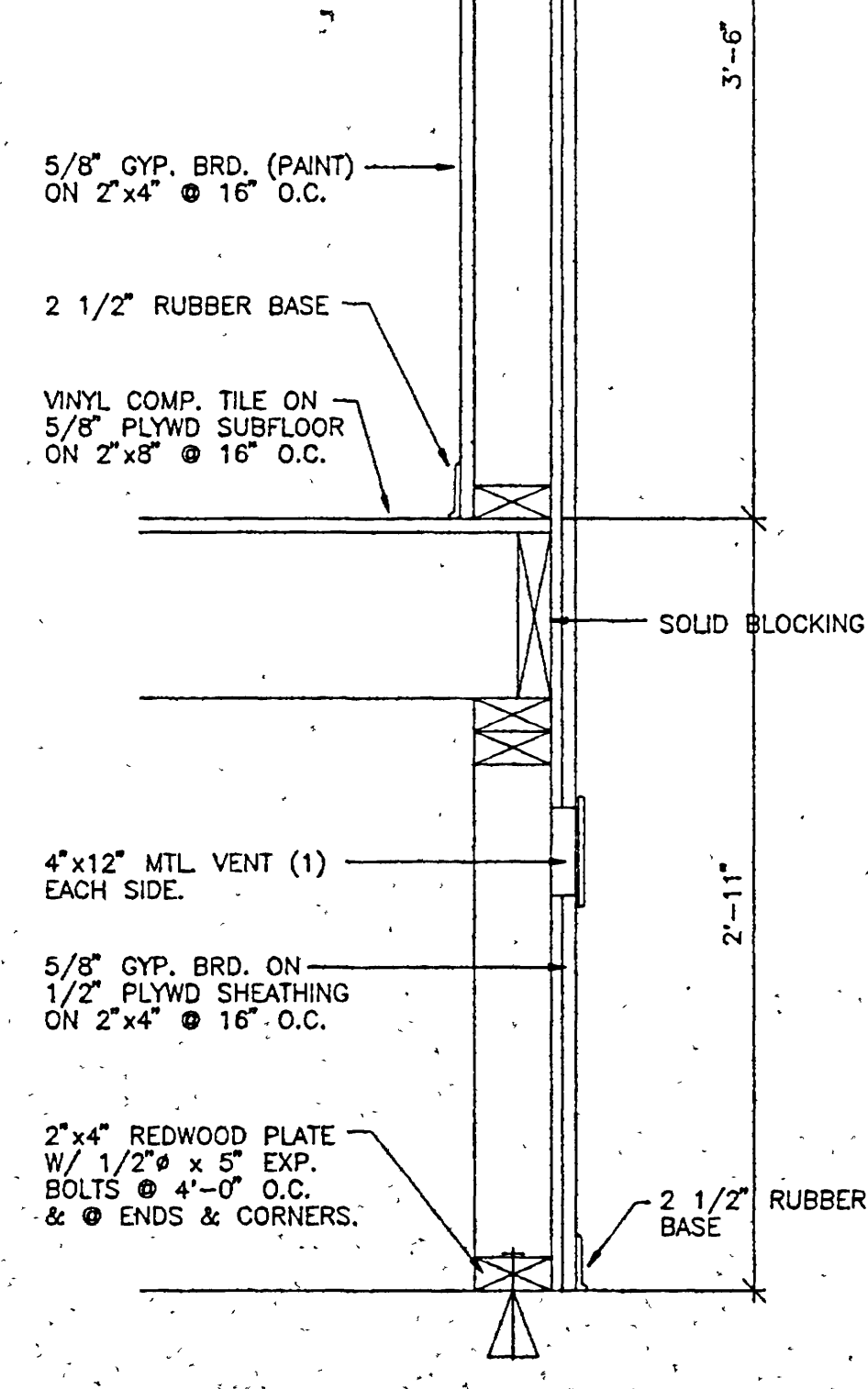
DETAIL

SCALE: 3" = 1'-0"



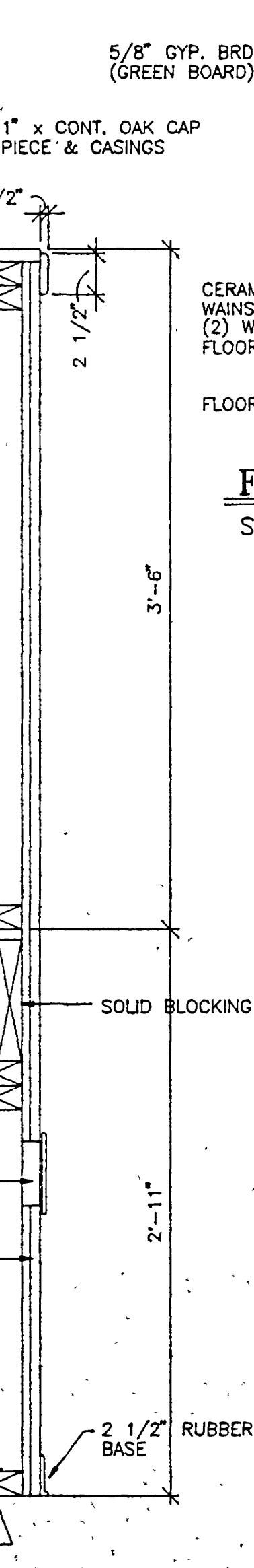
DETAIL

SCALE: 3" = 1'-0"



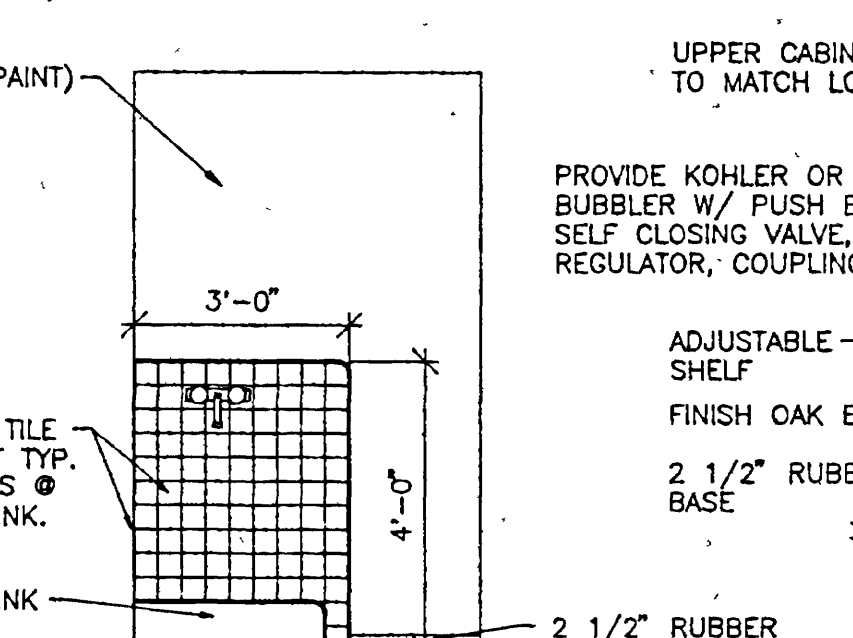
DETAIL

SCALE: 1 1/2" = 1'-0"



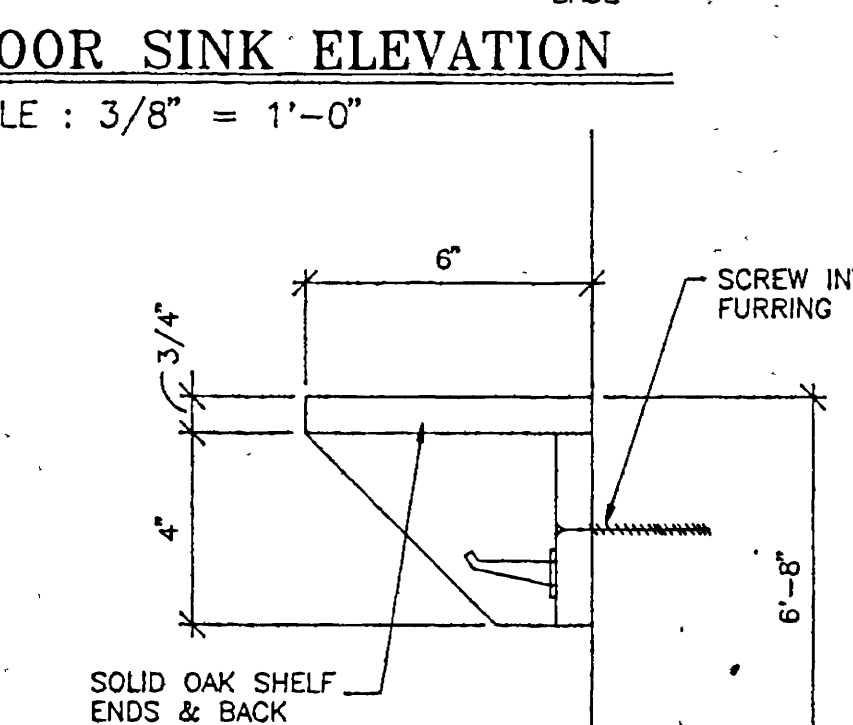
DETAIL

SCALE: 1 1/2" = 1'-0"



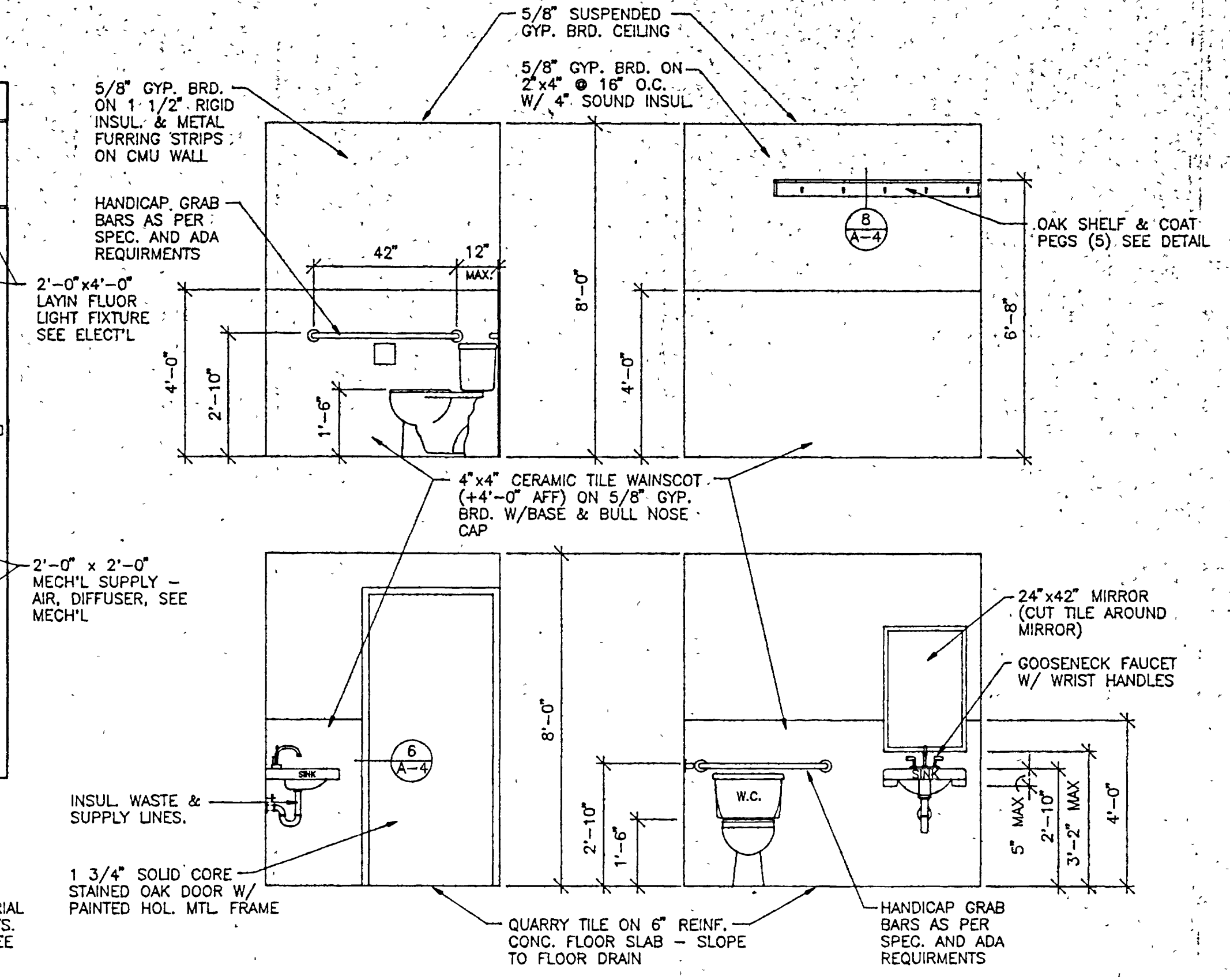
DETAIL

SCALE: 3" = 1'-0"



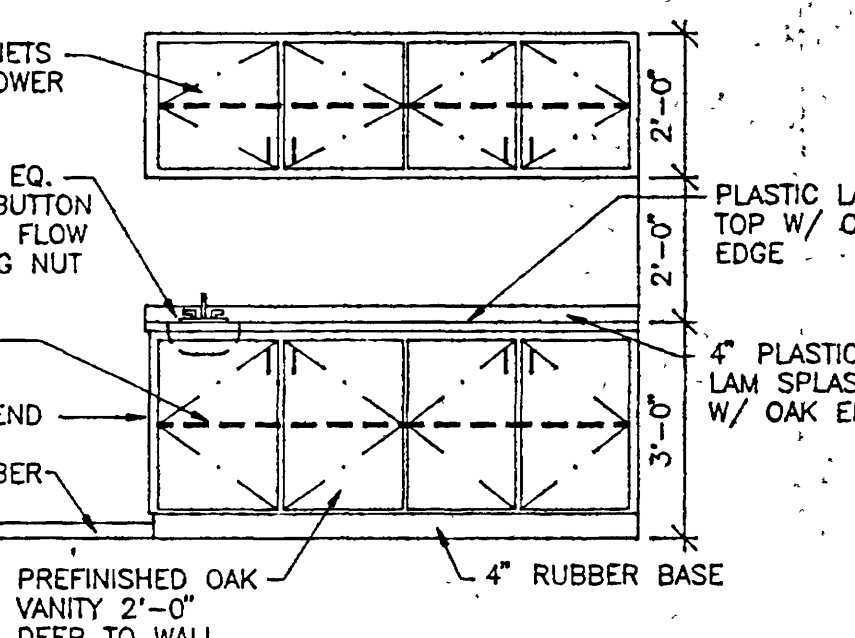
DETAIL

SCALE: 1" = 1'-0"



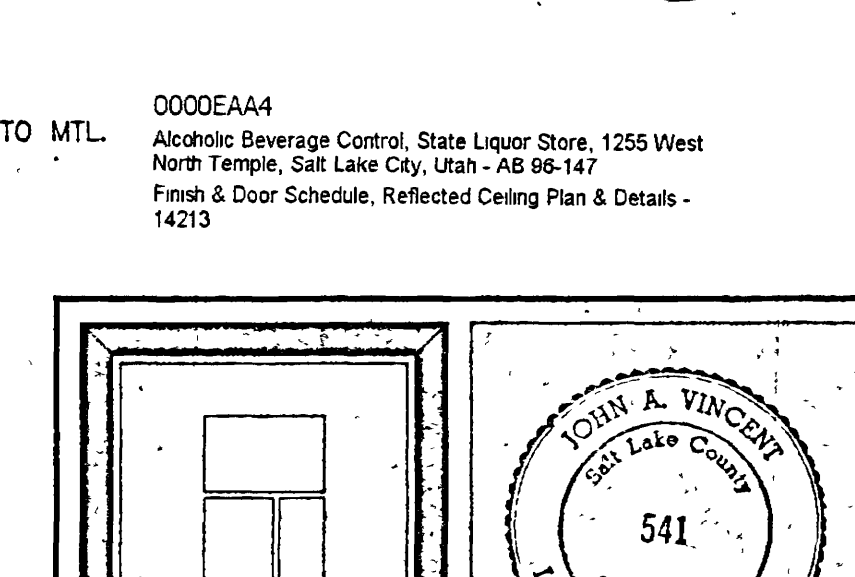
TOILET ROOM ELEVATIONS

SCALE: 3/8" = 1'-0"



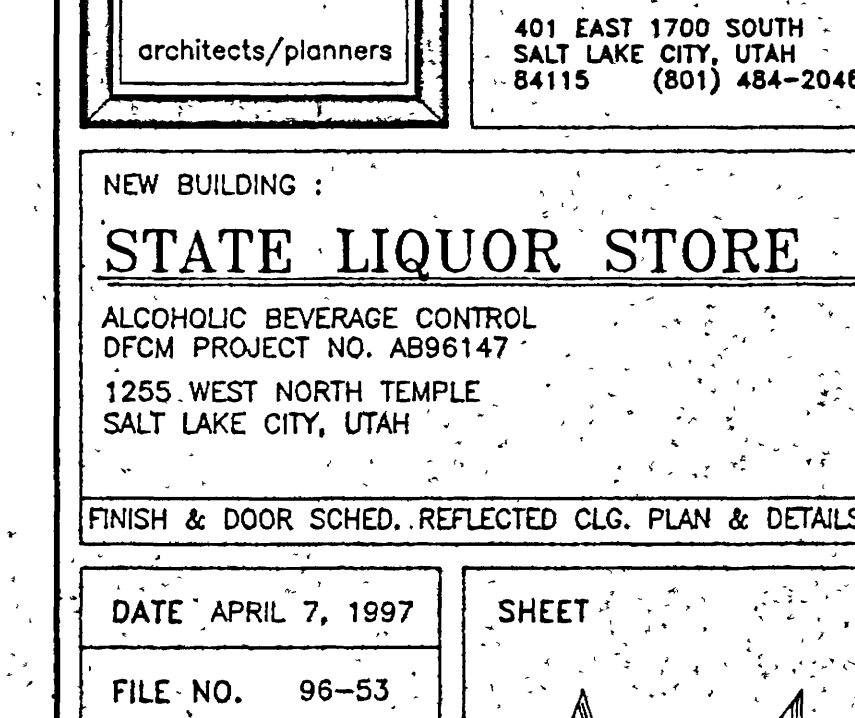
ELEVATION

SCALE: 3/8" = 1'-0"



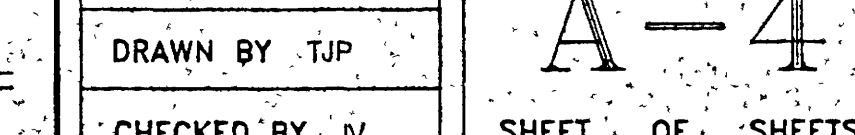
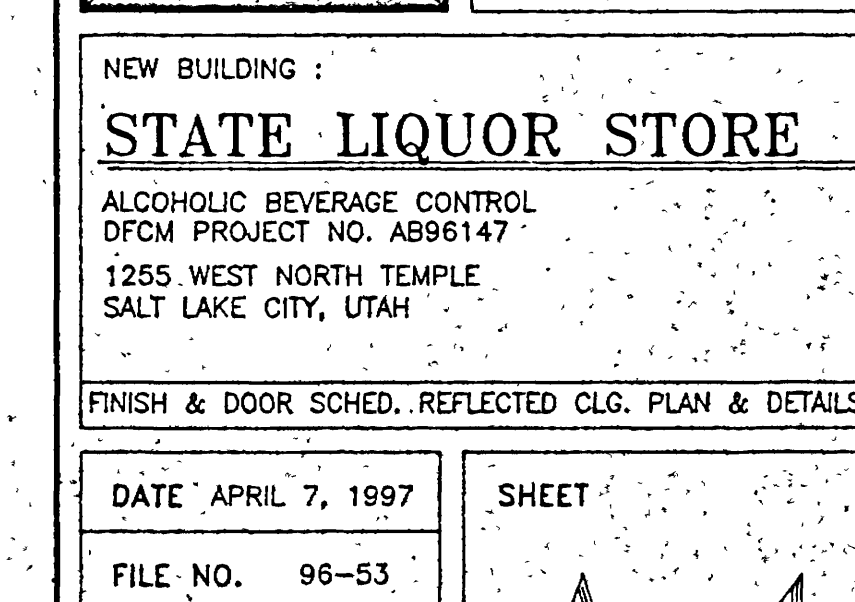
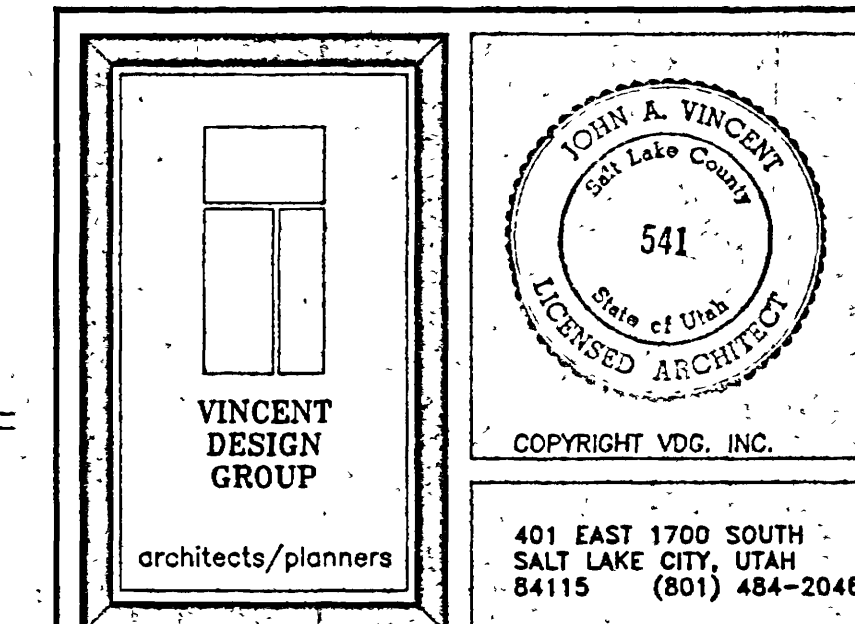
DETAIL

SCALE: 3" = 1'-0"



DETAIL

SCALE: 1" = 1'-0"



STRUCTURAL NOTES :

- GENERAL:
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS & CHECK CONDITIONS AT THE SITE BEFORE STARTING WORK AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES.
 - TYPICAL DETAILS SHALL APPLY IN GENERAL CONSTRUCTION UNLESS SPECIFICALLY DETAILED. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION WILL BE AS FOR SIMILAR WORK. DO NOT SCALE DRAWINGS.
 - ALL DESIGN AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENT OF THE 1994 UNIFORM BUILDING CODE (UBC). ALL APPLICABLE MATERIAL STANDARDS SHALL BE THE MOST RECENT EDITION.
 - ANY OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH ANY WORK SO INVOLVED.
 - BRACING AND SHORING - CONTRACTOR IS SOLELY RESPONSIBLE FOR JOBSITE SAFETY AND SHALL PROVIDE AND MAINTAIN ADEQUATE BRACING AND SHORING AT ALL TIMES DURING CONSTRUCTION.
 - DESIGN LOADS
GRAVITY LIVE LOADS:
ROOF: .30 PSF
WIND FORCES: 70 MPH EXPOSURE B
SEISMIC FORCES ARE CALCULATED ON BASIS OF SHEAR WALLS TAKING 100% OF LATERAL LOAD FOR UBC ZONE 3 REQUIREMENTS. PARAMETERS ASSIGNED: RW=6.

- FOUNDATION:
- REFER TO REPORT BY DELTA GEOTECHNICAL CONSULTANTS OF AUGUST 1996. INCORPORATE RECOMMENDATIONS INTO BID.
 - FOOTING TYPE - SPREAD. ALLOWABLE BEARING OF 1500 PSF. NO PIPESUNDER FOOTINGS UNLESS APPROVED BY ENGINEER.

- CONCRETE:
- NORMAL WEIGHT CONCRETE (145 PCF MIN.) SHALL HAVE A MINIMUM 28 DAY CYLINDER STRENGTH OF 3000 PSI FOR FOOTINGS AND WALLS. USE 4000 PSI FOR EXTERIOR AND INTERIOR GRADE SLABS. USE ASTM C150 TYPE: "I" PORTLAND CEMENT.
 - ALL CONCRETE SHALL BE TESTED IN ACCORDANCE WITH UBC STD. NO. 26-10 WITH REPORTS FILED WITH ARCHITECT AND ENGINEER.
 - ALL REINFORCING STEEL, DOWELS AND ANCHOR BOLTS AND OTHER INSERTS OR EMBEDDED ITEMS SHALL BE FIRMLY SECURED IN POSITION PRIOR TO PLACING CONCRETE. ANCHOR BOLTS SHALL CONFORM TO ASTM A-307.
 - SPECIAL ATTENTION SHALL BE PAID IN THE PREPARATION OF SUBGRADE, FORMING, PLACING AND JOINING OF THE STORAGE SLAB TO MINIMIZE SETTLEMENTS AND CRACKING.

- REINFORCING STEEL:
- REINFORCING STEEL SHALL BE DEFORMED AND CONFORM TO ASTM A615 GRADE 60 FOR ALL MAIN REINFORCING. TIES, STIRRUPS, AND HOOPS SHALL CONFORM TO GRADE 60. WELDED ANCHORS SHALL CONFORM TO ASTM A496. WELDING SHALL CONFORM TO UBC STD. 26-8. FABRICATE AND PLACE REINFORCING IN ACCORDANCE WITH UBC SEC. 2607.
 - REINFORCING SHALL HAVE THE FOLLOWING COVER UNLESS OTHERWISE NOTED:
CONCRETE AGAINST EARTH (NOT FORMED): 3"
CONCRETE AGAINST EARTH (FORMED): 2"
WALLS: 1"
 - REINFORCING STEEL NOTED "CONTINUOUS" MAY BE SPLICED WITH A LAP OF 40 BAR DIAMETERS UNLESS NOTED OTHERWISE. SPLICES SHALL NOT BE MADE IN REGIONS OF HIGH STRESS UNLESS SPLICE LENGTHS ARE INCREASED ACCORDING TO CODE.
 - EXTEND ALL REINFORCING AROUND CORNERS OR FURNISH CORNER BARS. PROVIDE HOOKS AT WALL TERMINATIONS OR INTERSECTIONS.

- WOOD FRAMING:
- ALL WOOD FRAMING SHALL CONFORM TO UBC STD. NO. 25-4 AS FOLLOWS:
JOINTS AND LINTELS NO. 2 DF/LARCH
LIGHT FRAMING NO. 2 DF/LARCH
 - SILL PLATES ON CONCRETE OR MASONRY SHALL BE TREATED AND ANCHORED WITH 5/8 DIAMETERS BOLTS AT 4 FEET ON CENTER UNLESS NOTED OTHERWISE (UNO).
 - NAILING SHALL CONFORM TO UBC TABLE 25-Q UNO.
 - BOLTS, CLIPS, HOLD-DOWNS AND MISCELLANEOUS CONNECTORS SHALL BE AS SHOWN OR NOTED OR AS REQUIRED BY CODE FOR SEISMIC OR WIND LOADING ON WOOD FRAMED STRUCTURES. ALL SERIALIZED METAL CONNECTORS SHALL BE SIMPSON OR EQUAL.
 - PLYWOOD SHALL CONFORM TO UBC STD. 25-9 CDX THICKNESS AS NOTED. PARTICLE BOARD SHALL CONFORM TO UBC STD. NO. 25-25.

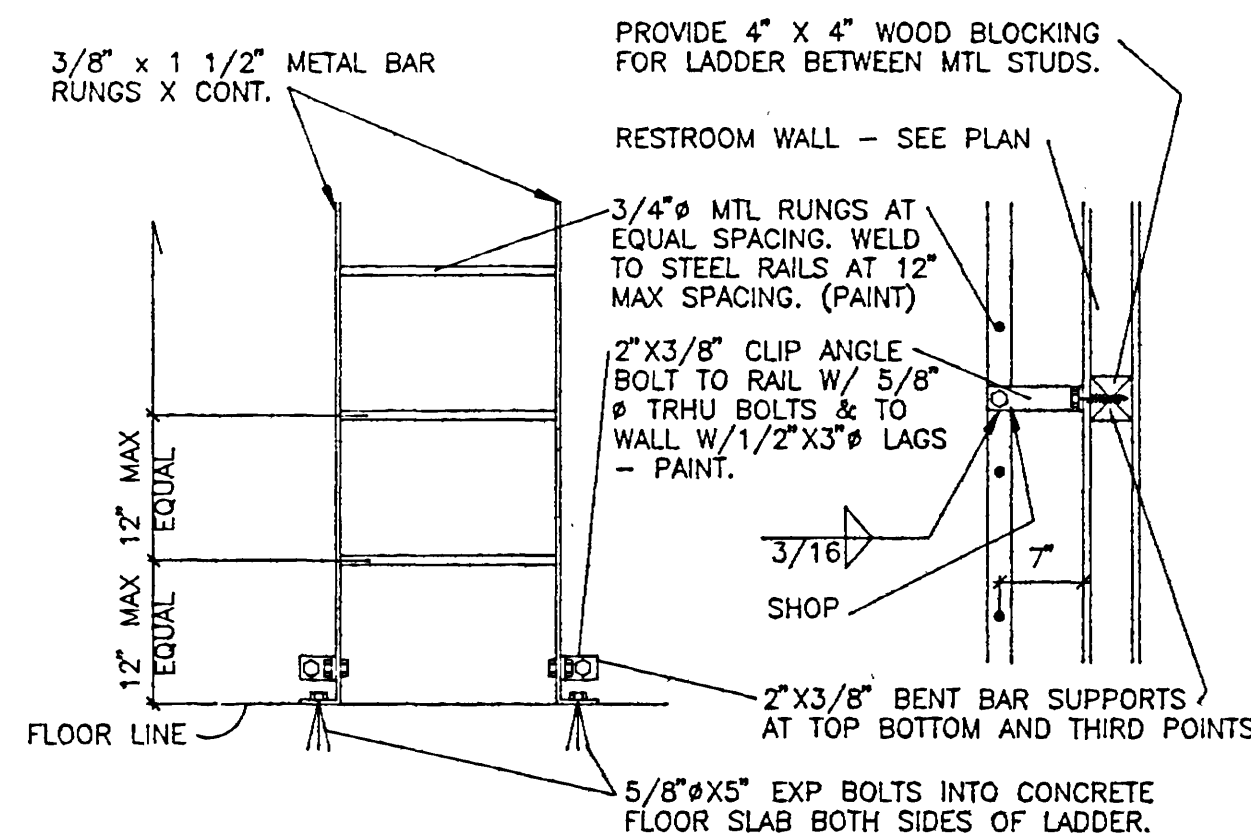
- STEEL JOISTS:
- STEEL JOISTS SHALL BE OPEN WEB TYPE AS INDICATED AND IN COMPLIANCE WITH THE STEEL JOIST INSTITUTE (SJI) STANDARDS FOR MATERIALS, DESIGN AND MANUFACTURING. CONFORM TO SJI REQUIREMENTS FOR MATERIALS APPLICATION, HANDLING AND ERECTION.

- STEEL DECK:
- STEEL FLOOR AND ROOF DECK SHALL CONFORM TO SDI SPECIFICATIONS FOR MATERIALS, APPLICATION, DESIGN, MANUFACTURING, HANDLING AND ERECTION.
 - ANCHORAGE OF DECK TO SUPPORTING MEMBERS SHALL BE MADE WITH WELDS PLACED AT RIBS AS SHOWN AND SIDE LAPS BETWEEN DECK SECTIONS SHALL BE MADE WITH WELDED SEAMS AS SHOWN AND NOTED.

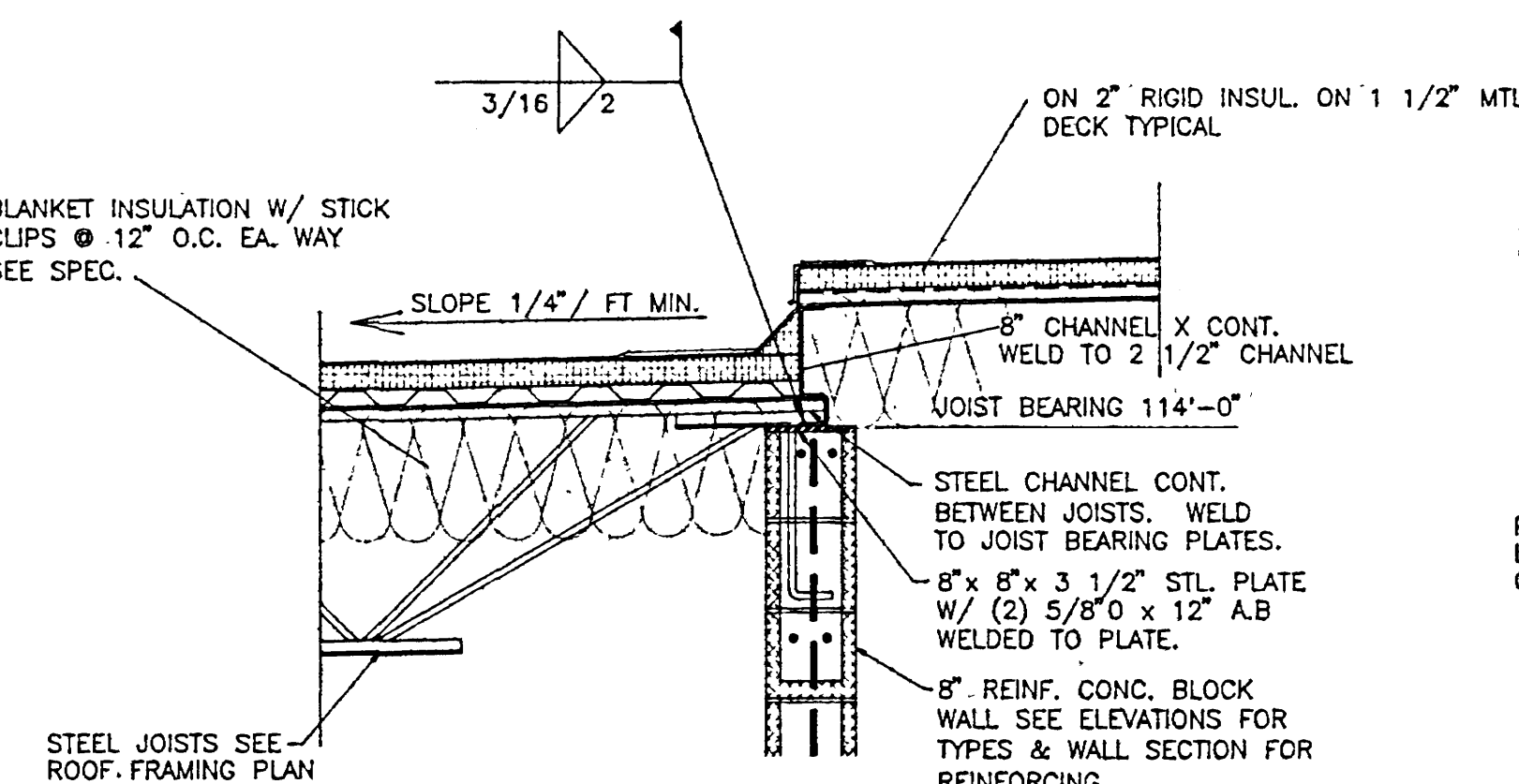
- MISCELLANEOUS STRUCTURAL STEEL:
- CONFORM TO ASTM A36 FOR ALL ROLLED SHAPES, BARS AND PLATES, A53 GRADE B FOR PIPE AND A500 GRADE B FOR STRUCTURAL TUBES.

- ALL BOLTED CONNECTIONS SHALL BE MADE WITH BOLTS CONFORMING TO ASTM A307 GRADE B FOR LIGHT FABRICATIONS, STEEL TO WOOD, MASONRY OR CONCRETE CONNECTION AND TO A325N FOR STEEL TO STEEL CONNECTIONS. PROVIDE WASHERS OR BEARING PLATES WHERE BOLTS BEAR AGAINST WOOD OR MASONRY.
- ALL WELDING RODS SHALL CONFORM TO AWS A5.1 E70XX LOW HYDROGEN AND WORKMANSHIP SHALL CONFORM TO AWS D1.1 SPECIFICATIONS. WELDER PERSONNEL SHALL HAVE A CURRENT AWS CERTIFICATION.

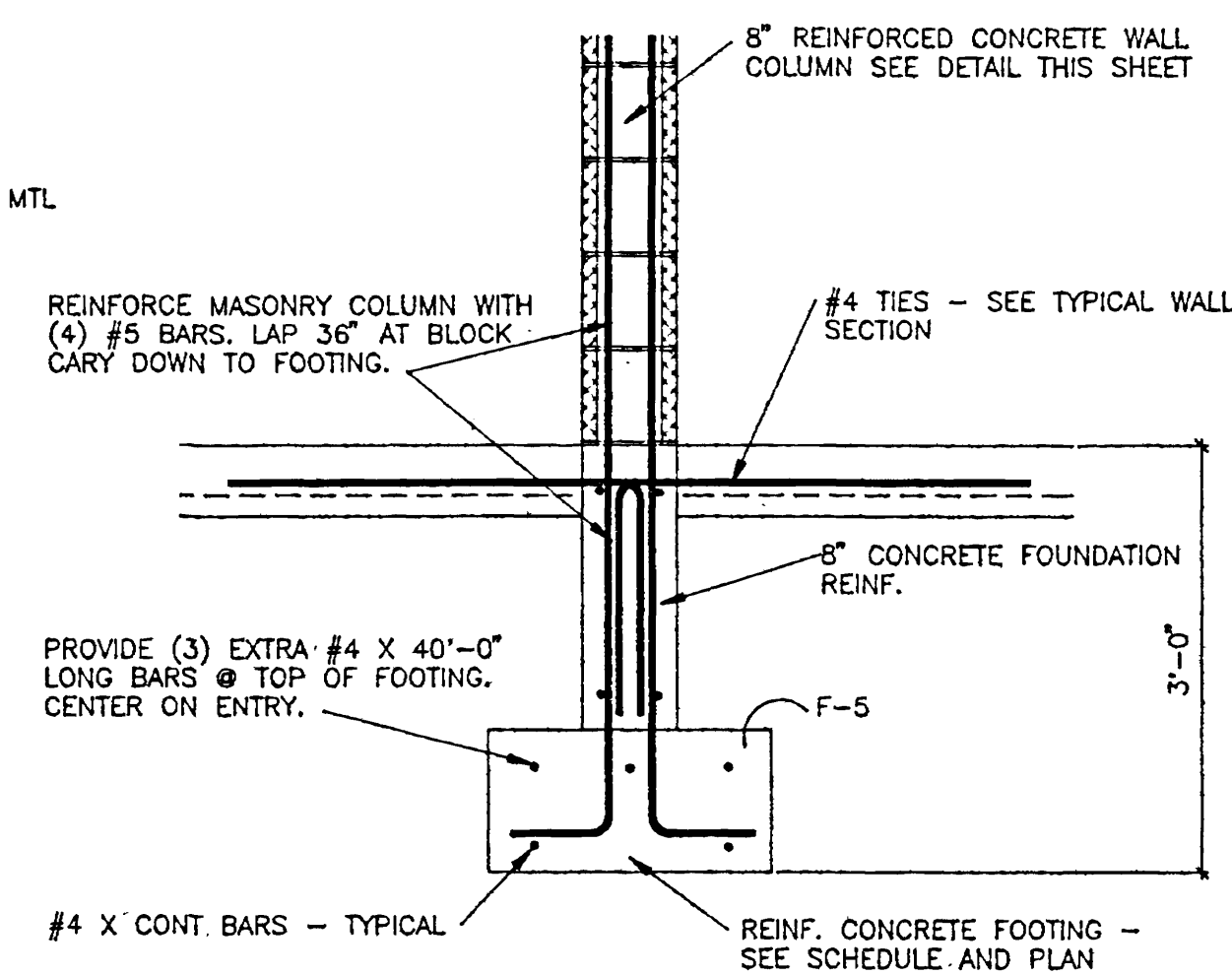
- REINFORCED MASONRY:
- CONFORM TO UBC CHAPTER 24. FM = 1500 PSI.
 - SPECIAL INSPECTION PER UBC 1994.
 - MASONRY UNITS SHALL BE LIGHT WEIGHT CONCRETE CONFORMING TO ASTM C90 GRANDE N.
 - MORTAR SHALL BE TYPE S, 1800 PSI MINIMUM COMPRESSIVE STRENGTH.
 - REINFORCING SHALL CONFORM TO ASTM A615 GRADE 60.
 - GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI. LOW LIFT GROUTING IS THE PREFERRED METHOD.
 - ANCHOR BOLTS SHALL BE EMBEDDED A MINIMUM OF 5-1/2 INCHES INTO GROUTED CORES OR BOND BEAMS FOR HORIZONTAL BOLTS AND 12" FOR VERTICAL BOLTS.
 - REINFORCING SHALL BE LAPPED A MINIMUM OF 40 DIAMETERS UNLESS NOTED OTHERWISE.
 - ARCHITECT SHALL VISUALLY OBSERVE ALL PLACEMENT OF REBAR PRIOR TO GROUTING OPERATIONS.



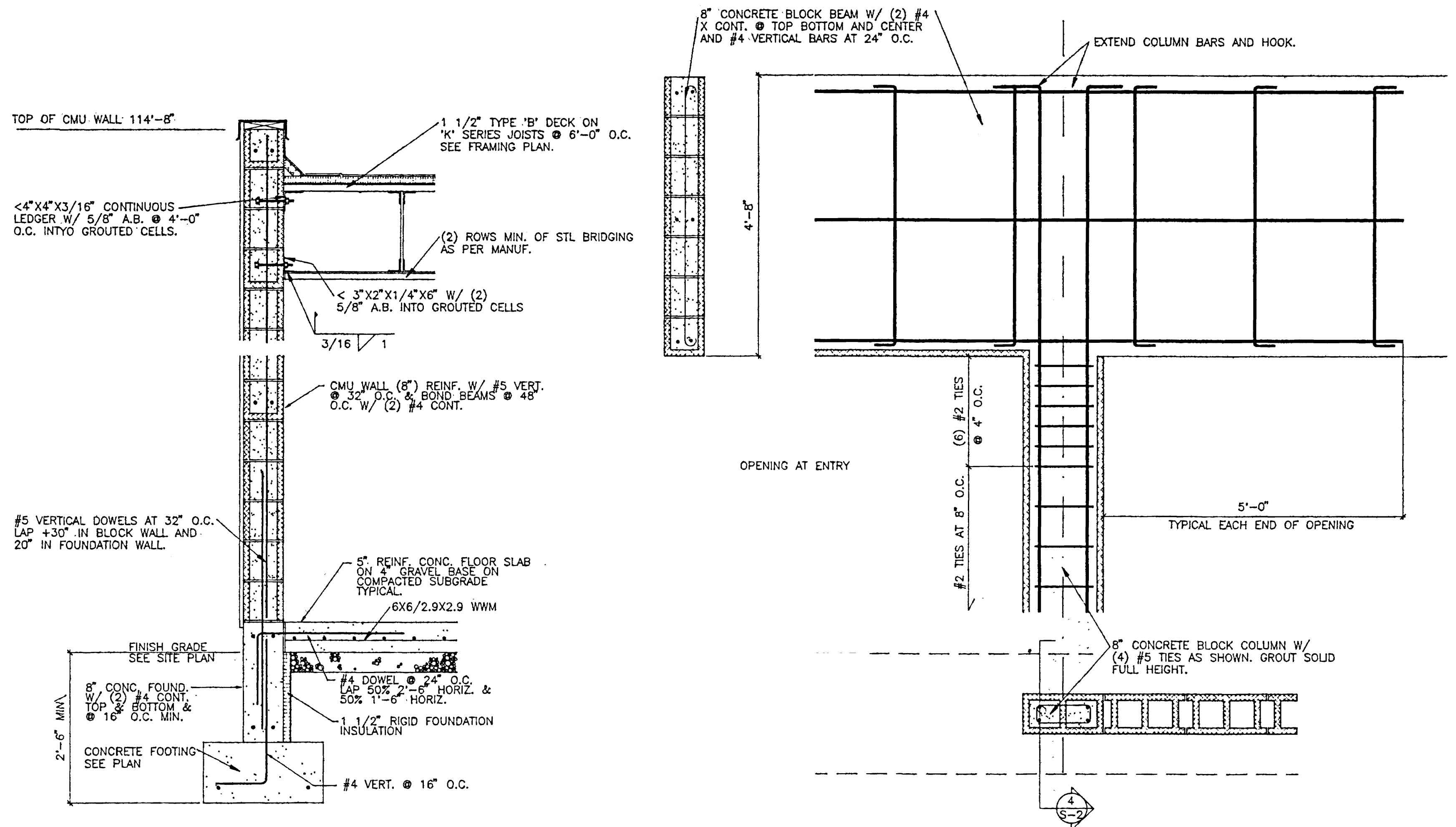
DETAIL 3
SCALE : 3/4" = 1'-0"



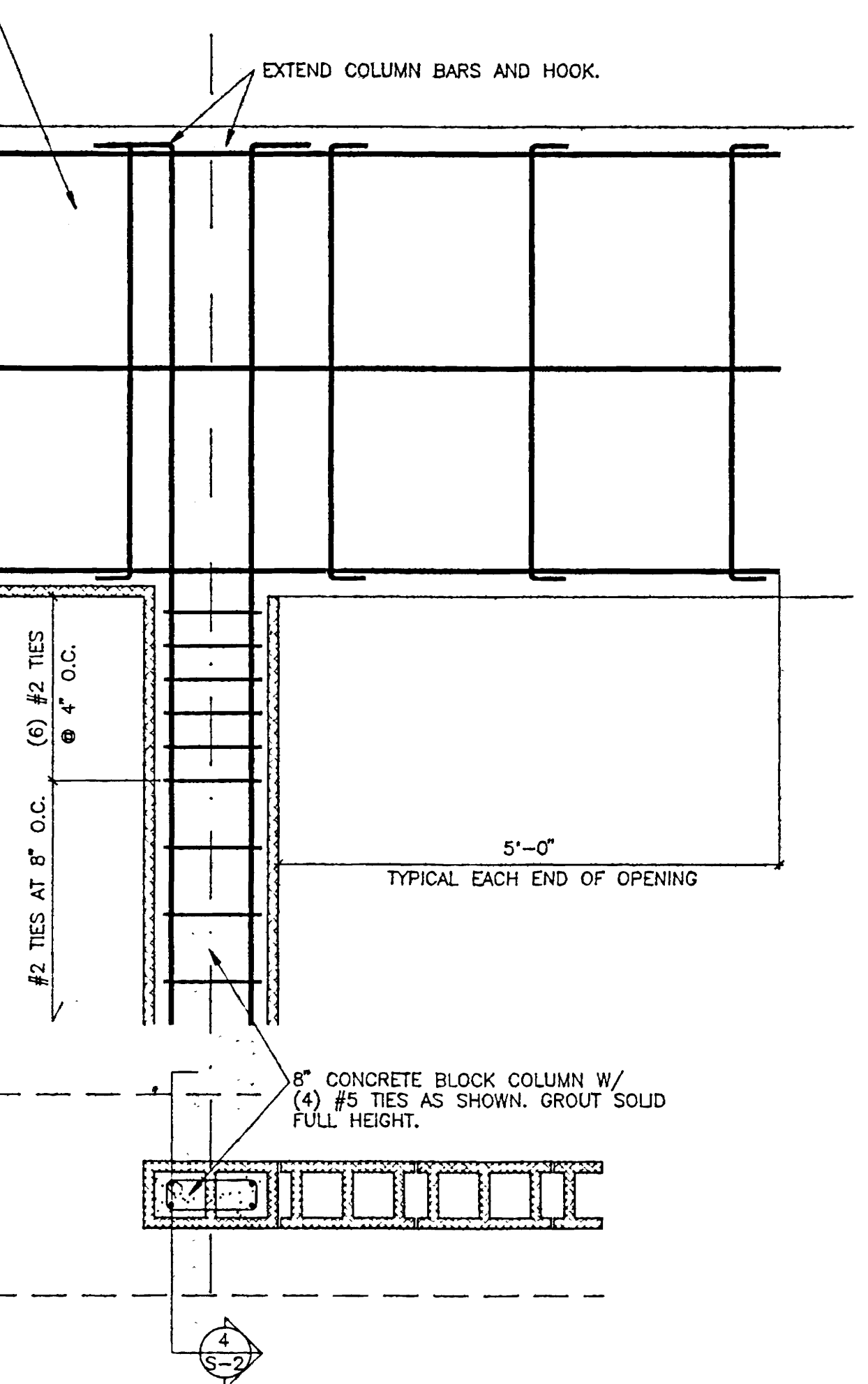
DETAIL 4
SCALE : 3/4" = 1'-0"



DETAIL 5
SCALE : 3/4" = 1'-0"

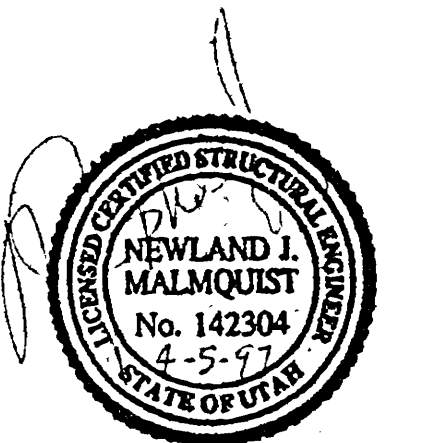


DETAIL 1
SCALE : 3/4" = 1'-0"

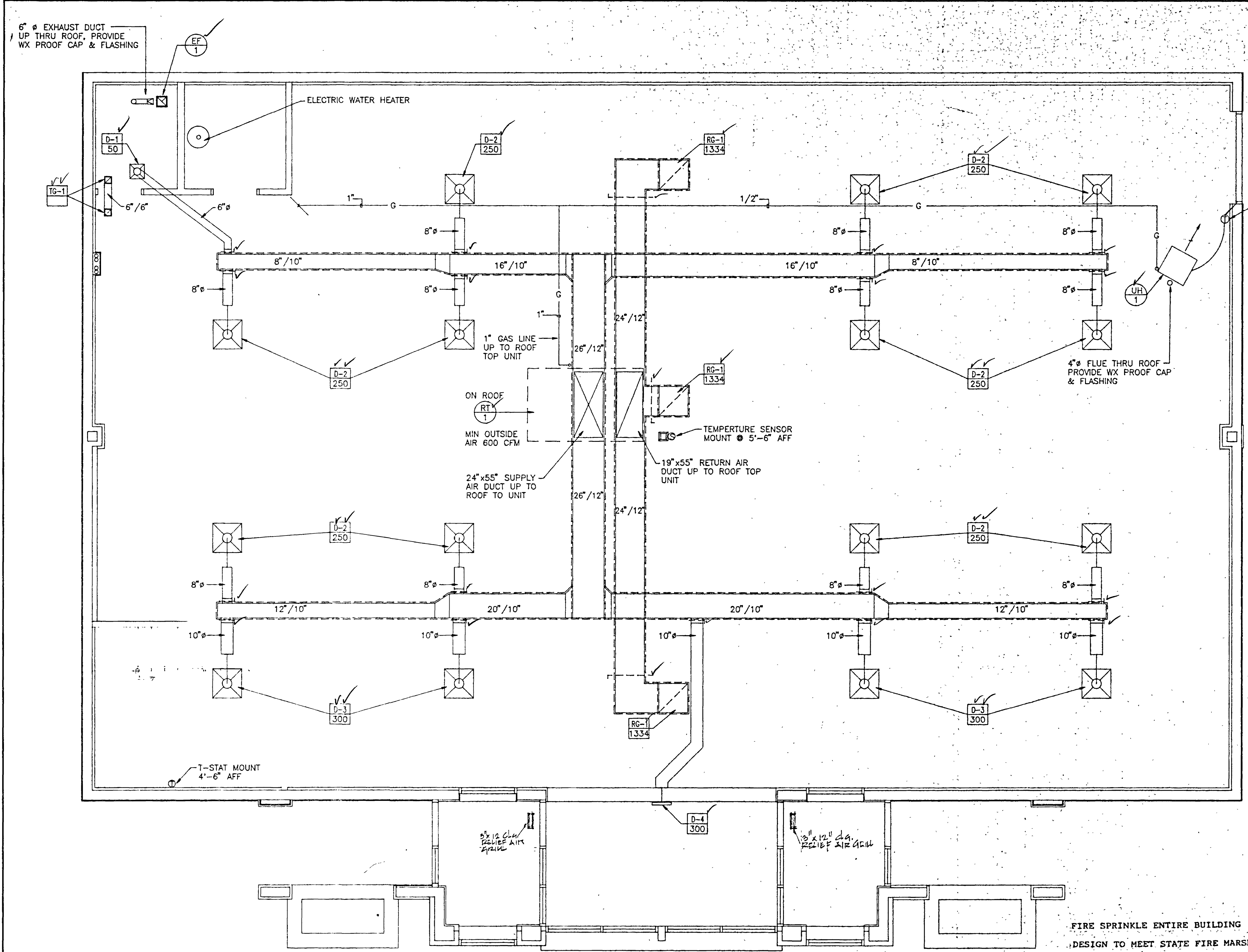


DETAIL 2
SCALE : 3/4" = 1'-0"

0000EAS2
Alcoholic Beverage Control, State Liquor Store, 1255 West
North Temple, Salt Lake City, Utah - AB 95-147
Landscape Plan & Details - 14215

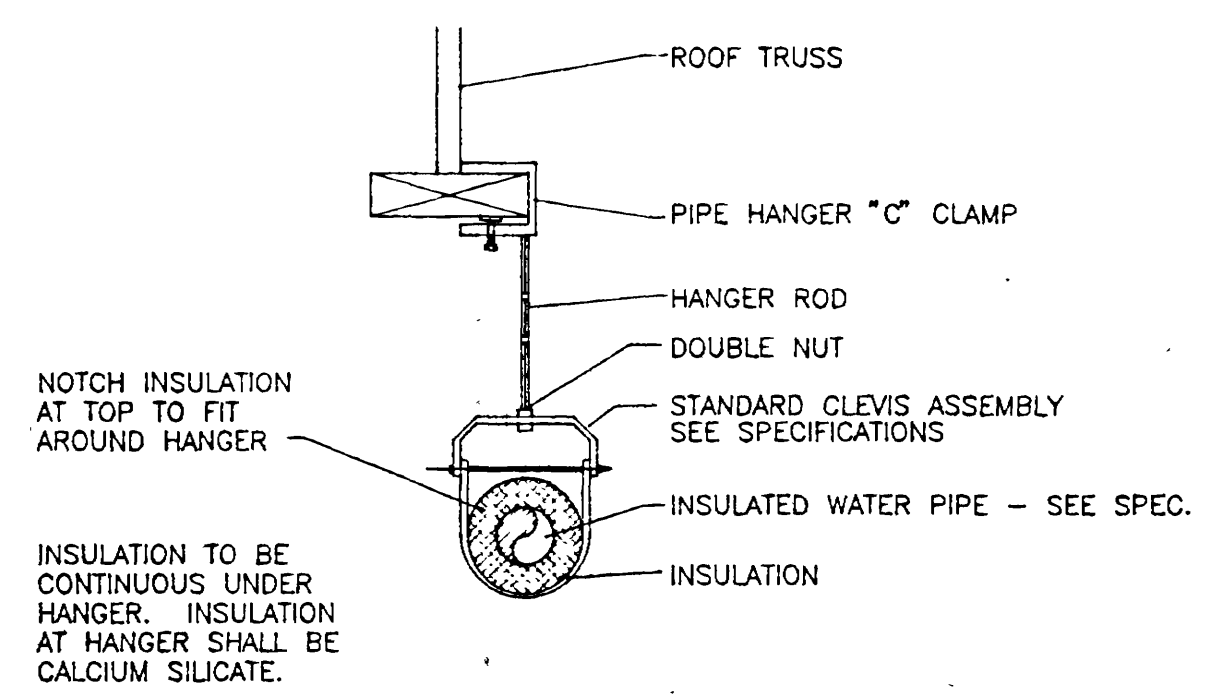


 architects/planners			
<p>NEW BUILDING</p> <p>STATE LIQUOR STORE</p> <p>ALCOHOLIC BEVERAGE CONTROL DFCM PROJECT NO. AB96147</p> <p>125 WEST, NORTH TEMPLE SALT LAKE CITY, UTAH</p> <p>LANDSCAPE PLAN AND DETAILS</p>			
DATE: MAR. 11, 1997	FILE NO.	DRAWN BY BRENT	CHECKED BY
SHEET		SHEET OF SHEETS	



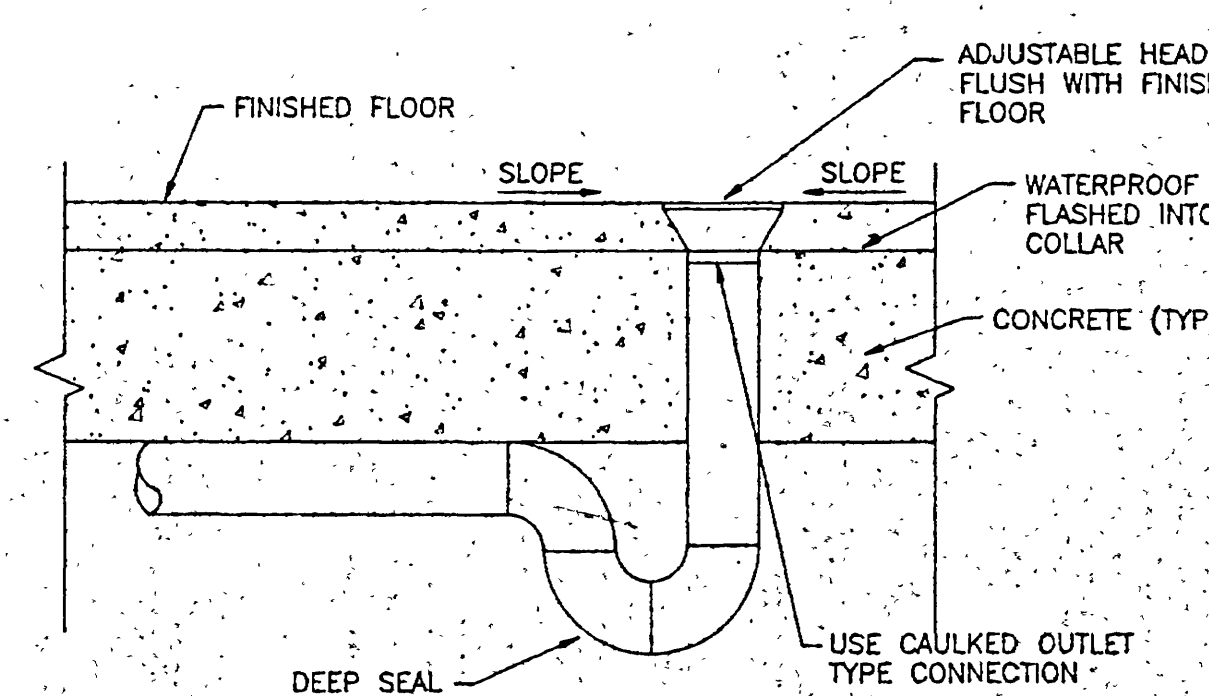
MECHANICAL FLOOR PLAN

SCALE: 1/8" = 1'-0"



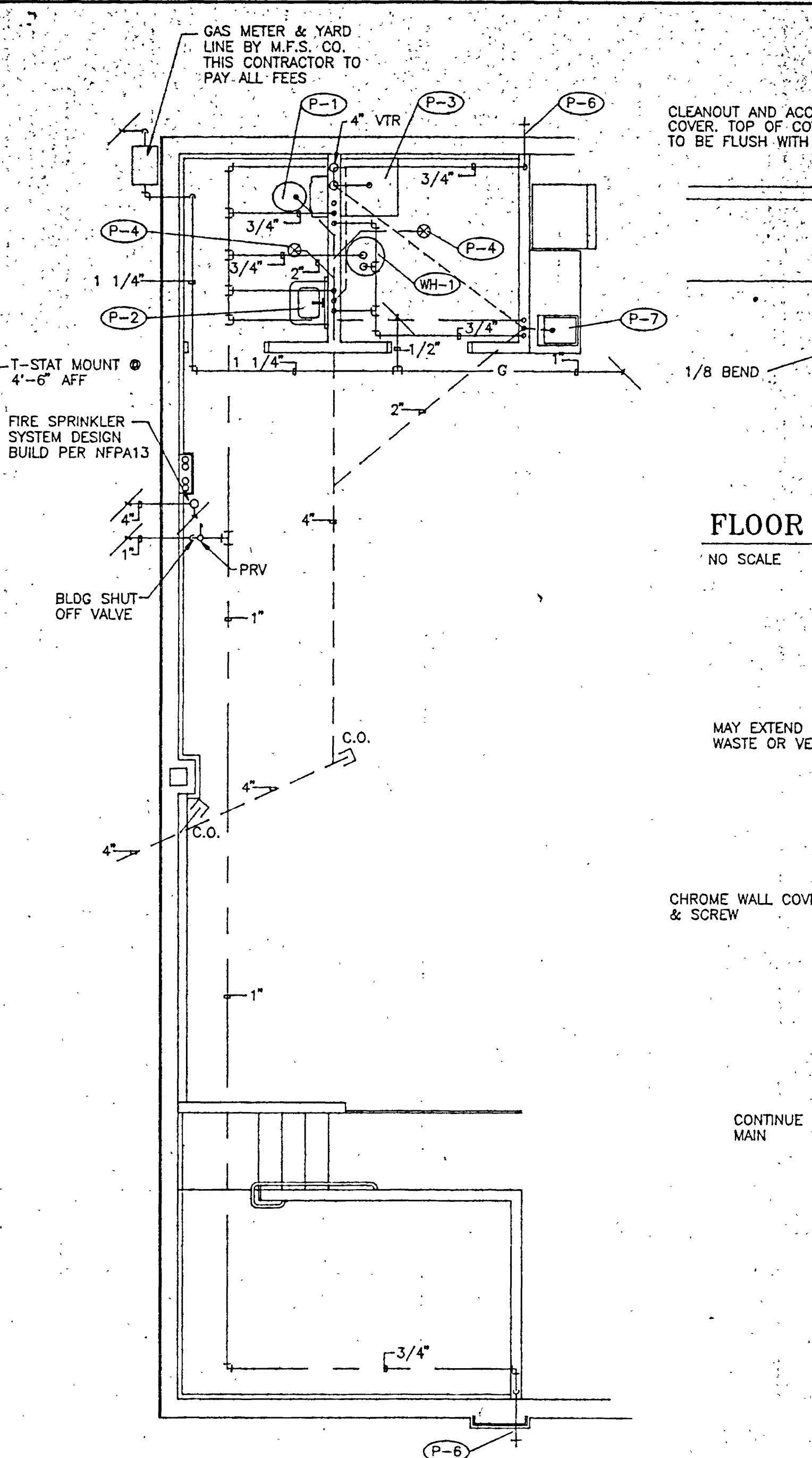
PIPE HANGER DETAIL

NO SCALE



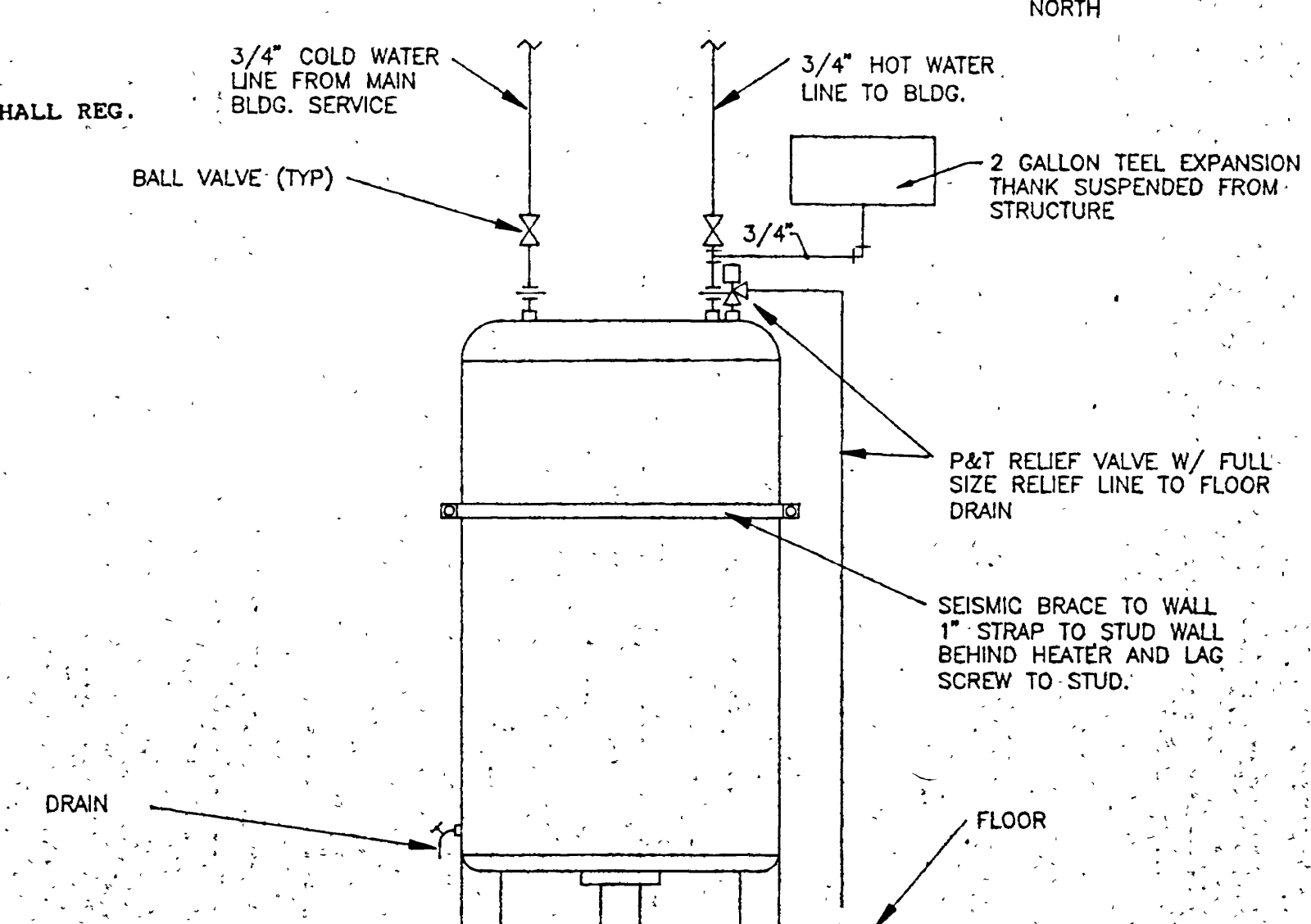
TYPICAL FLOOR DRAIN SECTION "B" (TYP. 2 LOCATIONS)

SCALE: 1 1/2" = 1'-0"



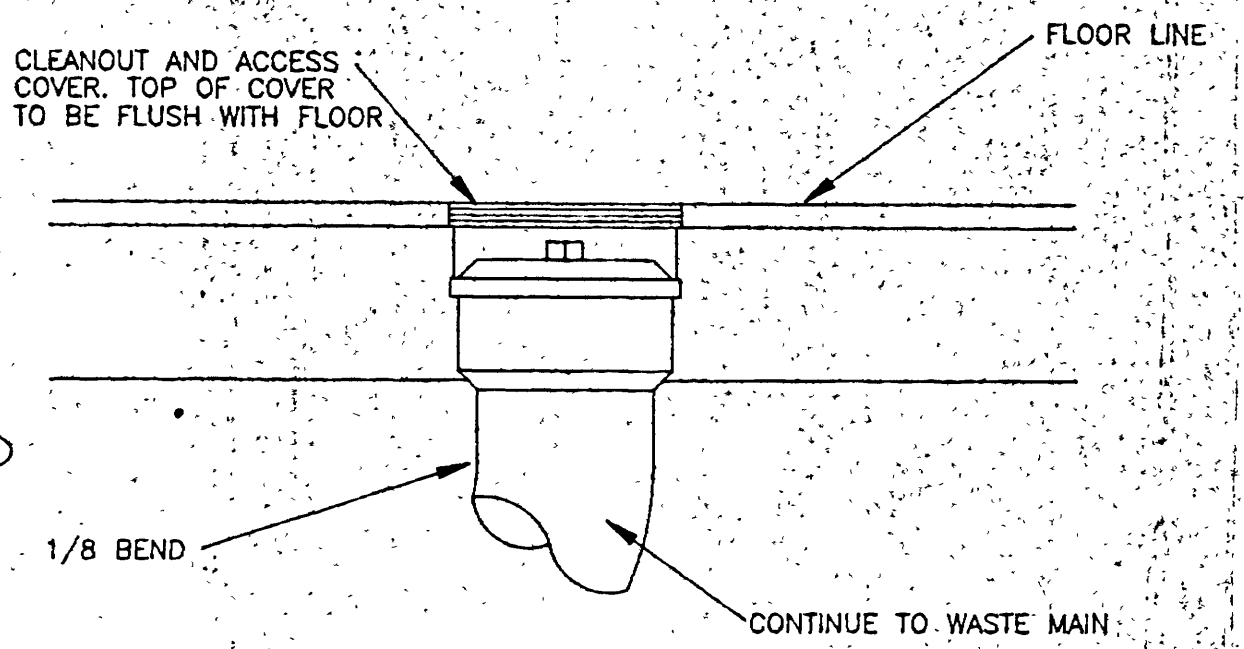
PLUMBING FLOOR PLAN

SCALE: 1/8" = 1'-0"



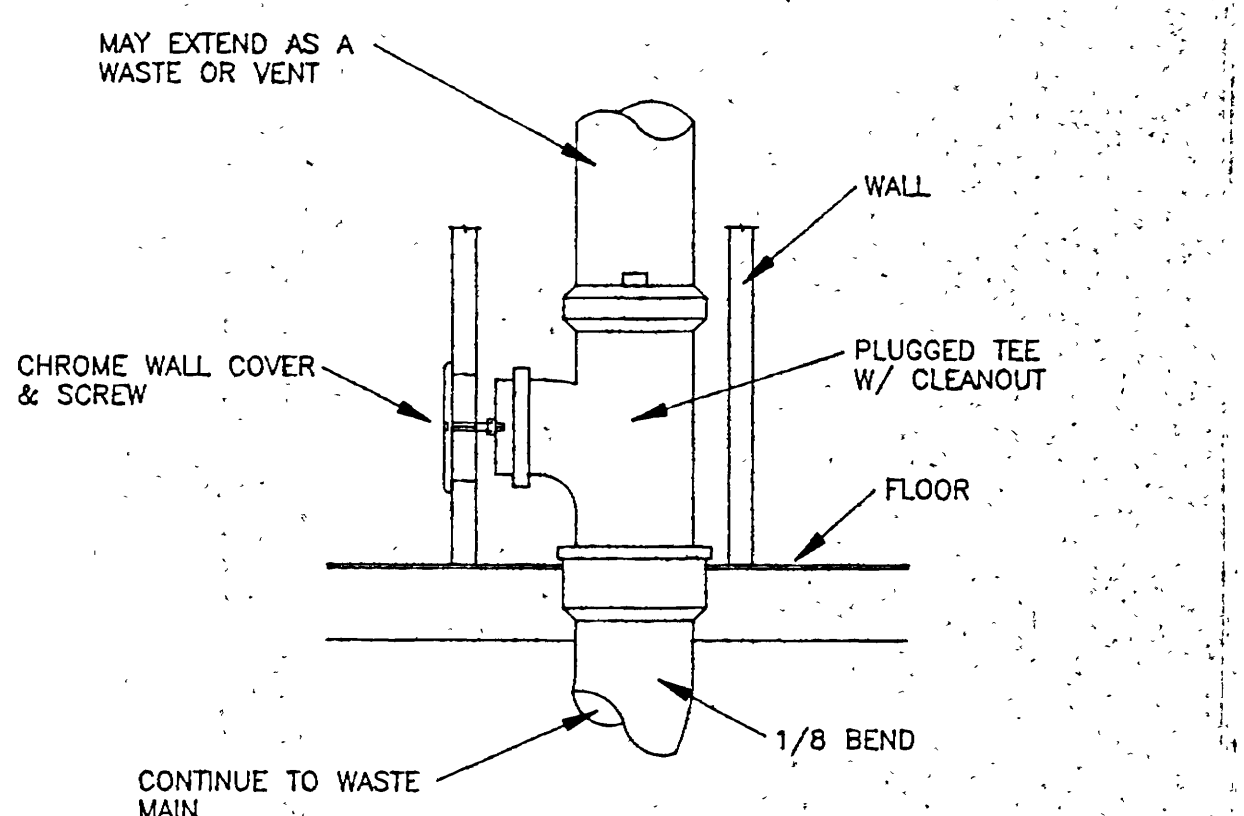
HOT WATER HEATER PIPING DETAIL

NO SCALE



FLOOR CLEANOUT DETAIL

NO SCALE



WALL CLEANOUT DETAIL

NO SCALE

0000EAM1
Alcoholic Beverage Control, State Liquor Store, 1255 West North Temple, Salt Lake City, Utah - AB 96-147
Mechanical / Plumbing Floor Plan & Details - 14216

VINCENT DESIGN GROUP
architects/planners

REGISTERED PROFESSIONAL ENGINEER
No. 2600
GERALD D. SMITH
STATE OF UTAH

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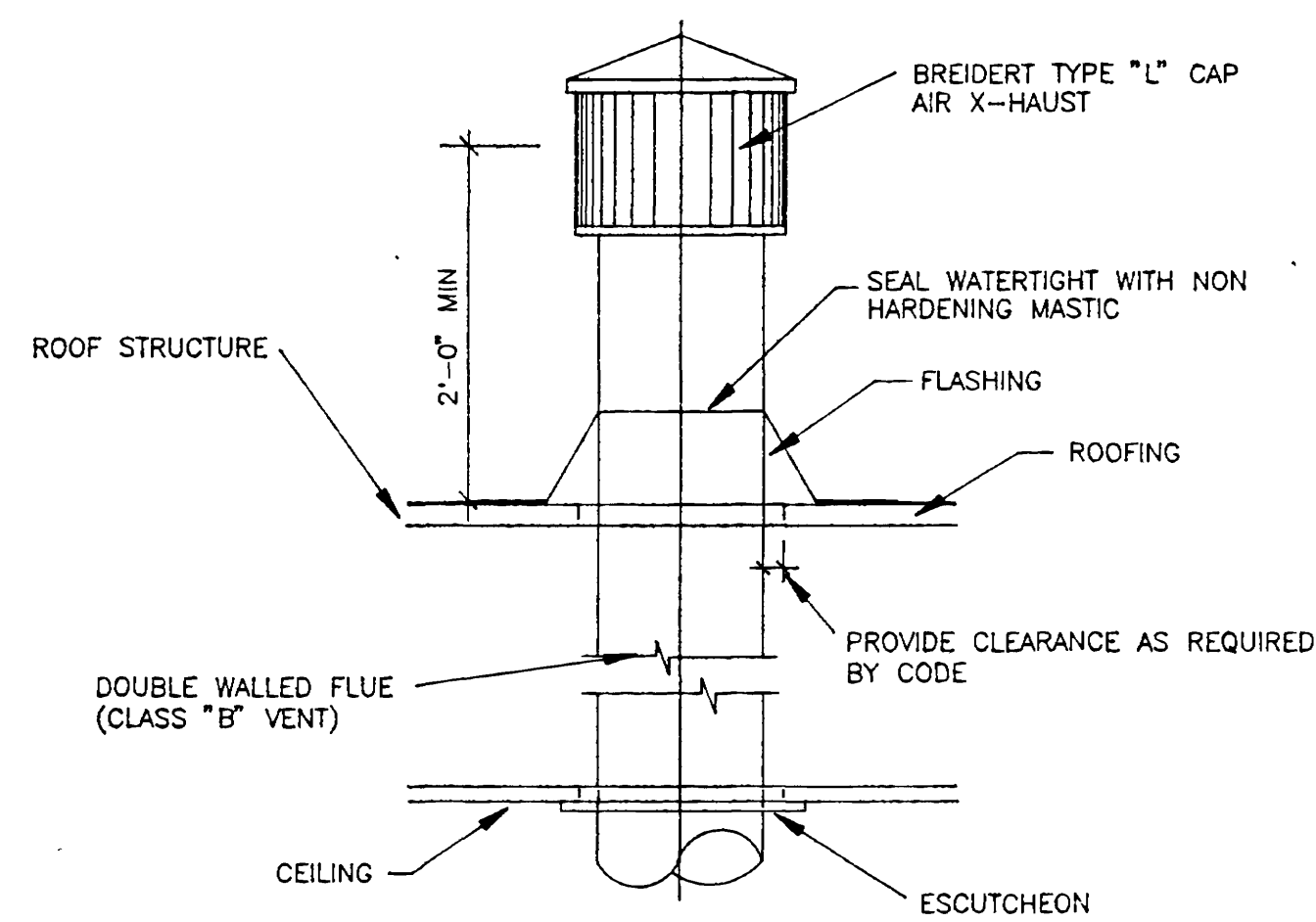
NEW BUILDING

STATE LIQUOR STORE

ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB96147
1255 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH

MECHANICAL/PLUMBING FLOOR PLAN & DETAILS

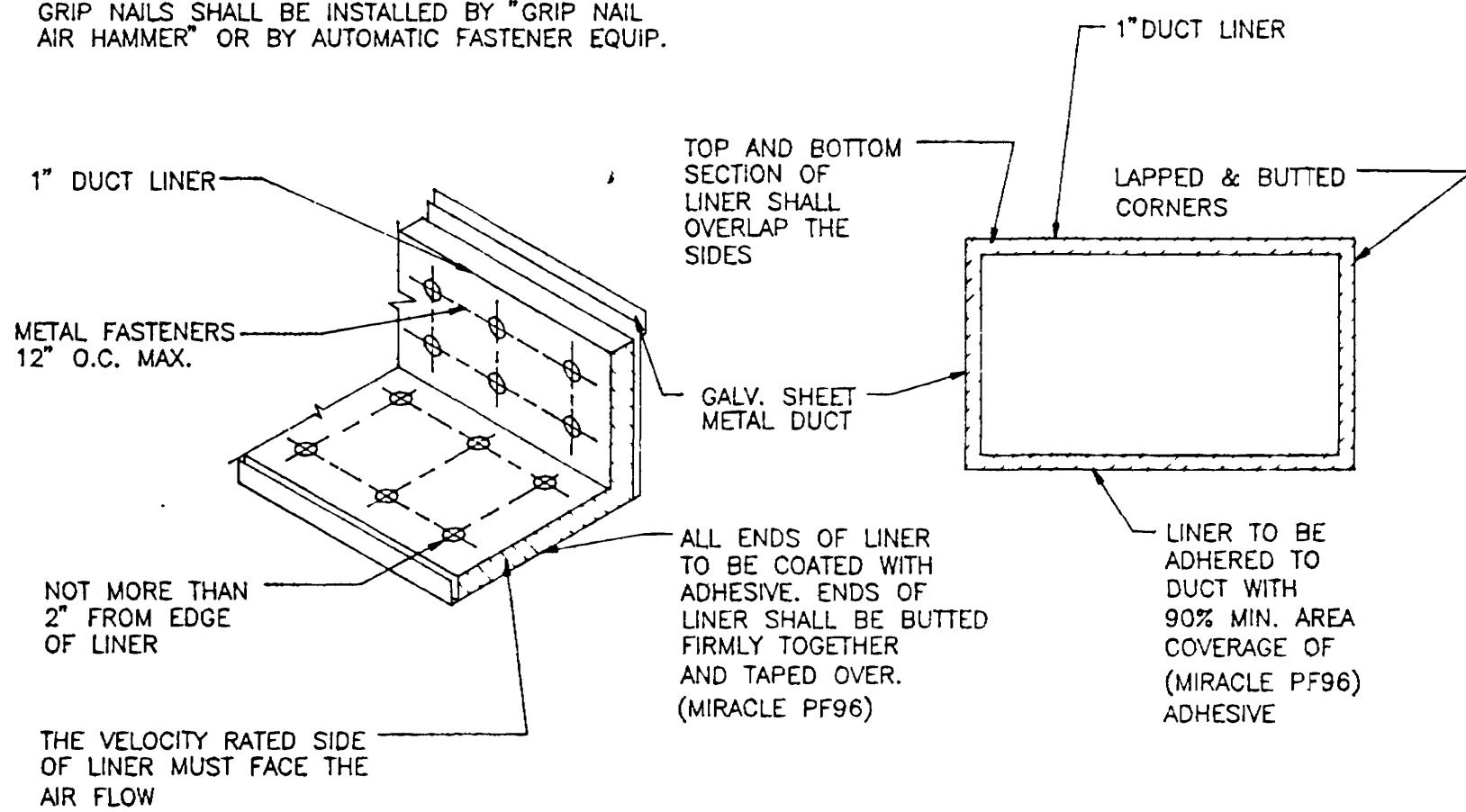
DATE: MAR. 11, 1997	SHEET
FILE NO. 96-53	M-1
DRAWN BY: TJR	
CHECKED BY: JV	
SHEET OF SHEETS	



FLUE THRU ROOF DETAIL

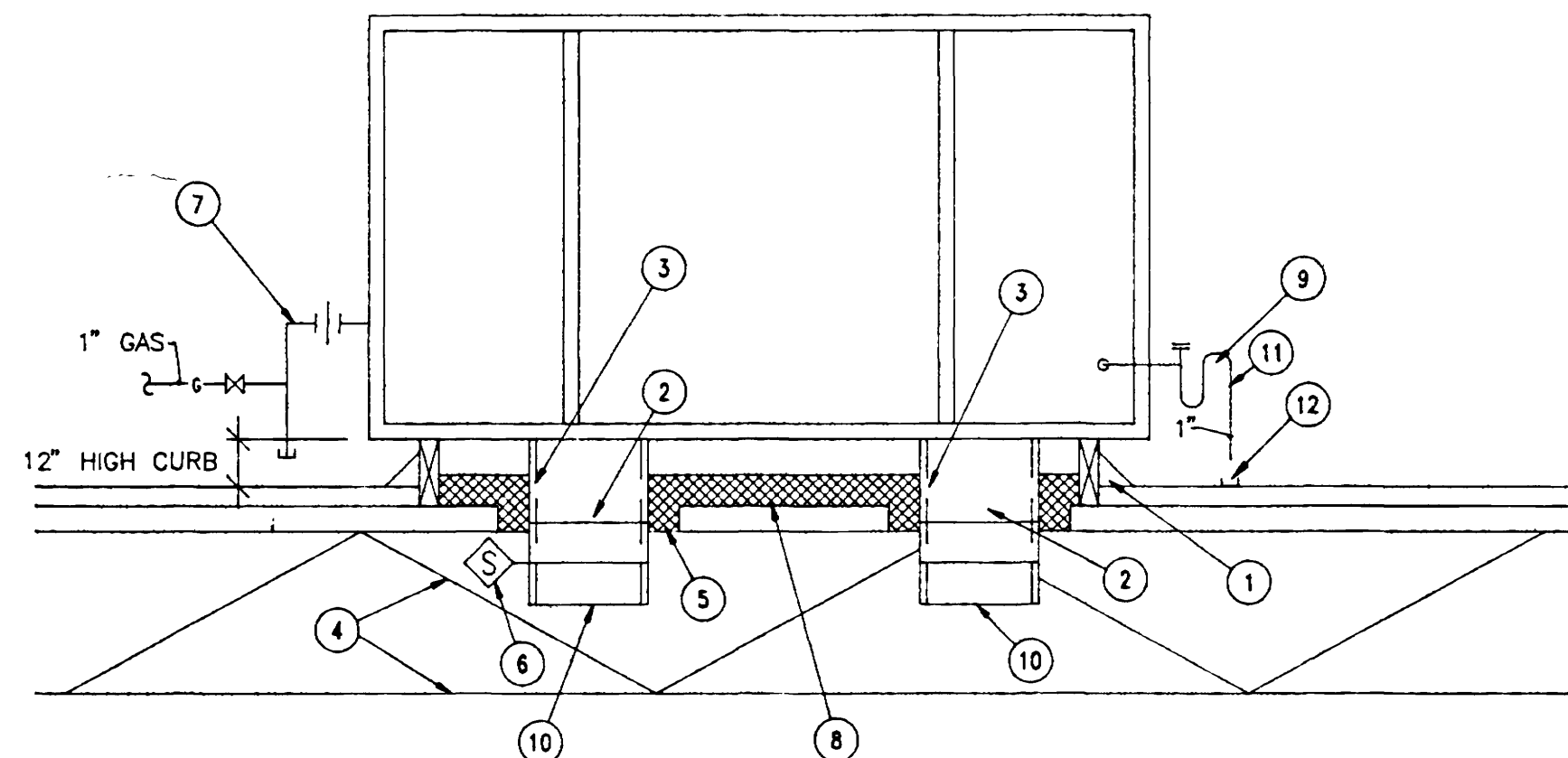
NO SCALE

METAL FASTENERS :
OMARK INSUL-PINS, DURA DYNE FASTENERS OR GRIP NAILS.
GRIP NAILS SHALL BE INSTALLED BY "GRIP NAIL
AIR HAMMER" OR BY AUTOMATIC FASTENER EQUIP.



DUCT LINER DETAIL

NO SCALE

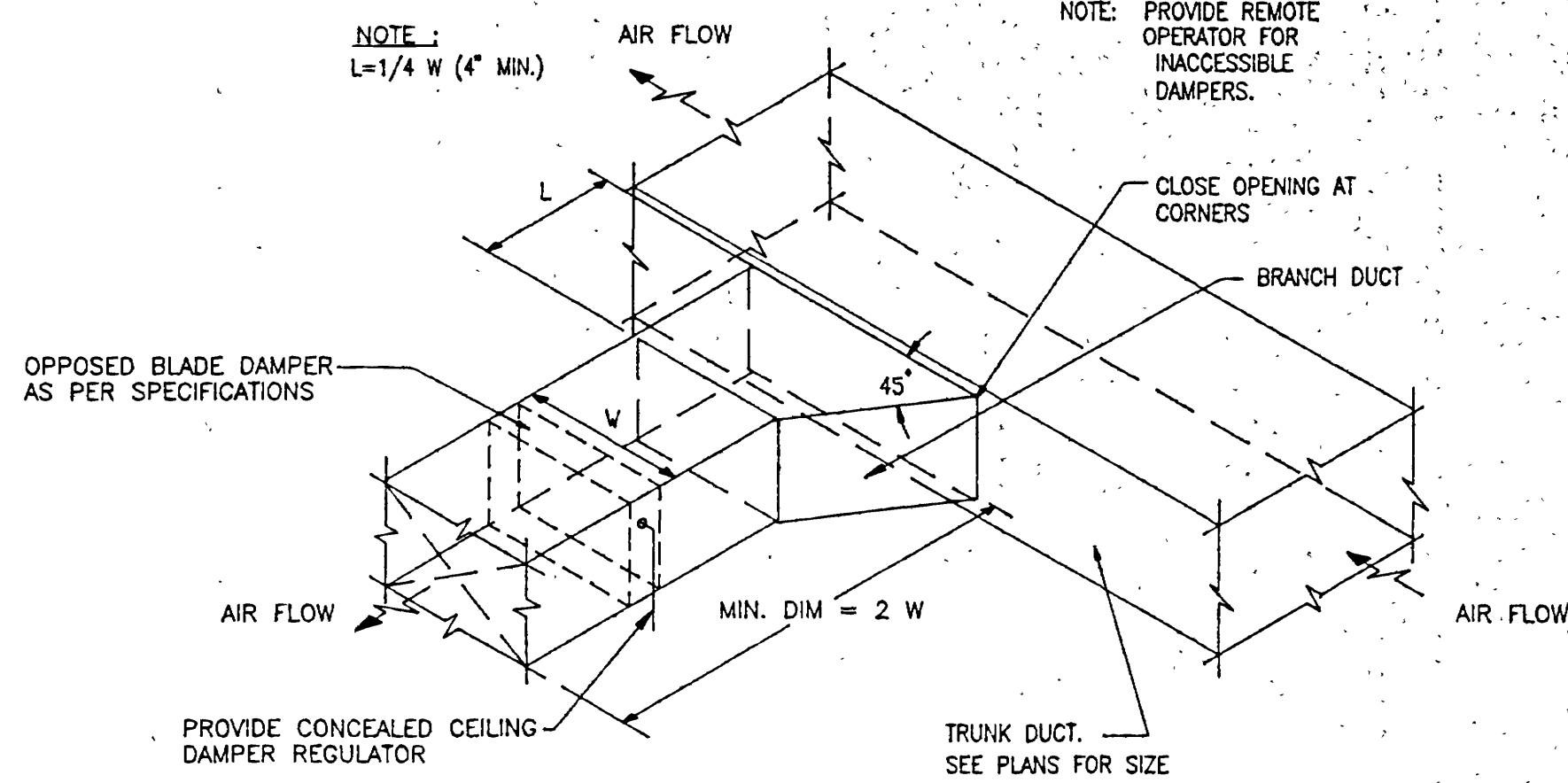


DETAIL NOTES:

- 1 SET ROOF CURB ON ROOF STRUCTURE. SHIM DEAD LEVEL. 12" MIN. HIGH
- 2 TRANSITION TO CONNECTION SIZES IN DUCT RISE.
- 3 1" ACOUSTIC LINER IN SUPPLY & RETURN. DUCTS FROM FAN DISCHARGE, TO POINT INDICATED ON MECHANICAL DWGS. (10'-0" MIN.) DUCT SIZES INDICATED ON PLAN ARE INSIDE CLEAR AND INCLUDE LINING.
- 4 REFER TO STRUCTURAL DWGS. FOR JOISTS LOCATIONS, ETC.
- 5 PACK OPENING BETWEEN ROOF DECK AND DUCTS WITH FIBERGLASS INSULATION.
- 6 SMOKE DETECTOR IN SUPPLY DUCT SEE ROOF TOP UNIT SCHEDULE.
- 7 GAS CONNECTION WITH GAS COCK, UNION AND DIRTLEG. REFER TO PLAN FOR GAS PIPE SIZES.
- 8 FILL ROOF CURB WITH 6" THICKNESS OF BLANKET INSULATION.
- 9 CONDENSATE DRAIN WITH CLEANOUT AND 4" DEEP SEAL TRAP.
- 10 SUPPLY/RETURN DUCT SEE MECHANICAL FLOOR PLANS FOR SIZING.
- 11 RUN AND SIZE CONDENSATE AS SHOWN ON MECHANICAL/PLUMBING FLOOR PLANS.
- 12 SPLASH PAD AS REQUIRED.

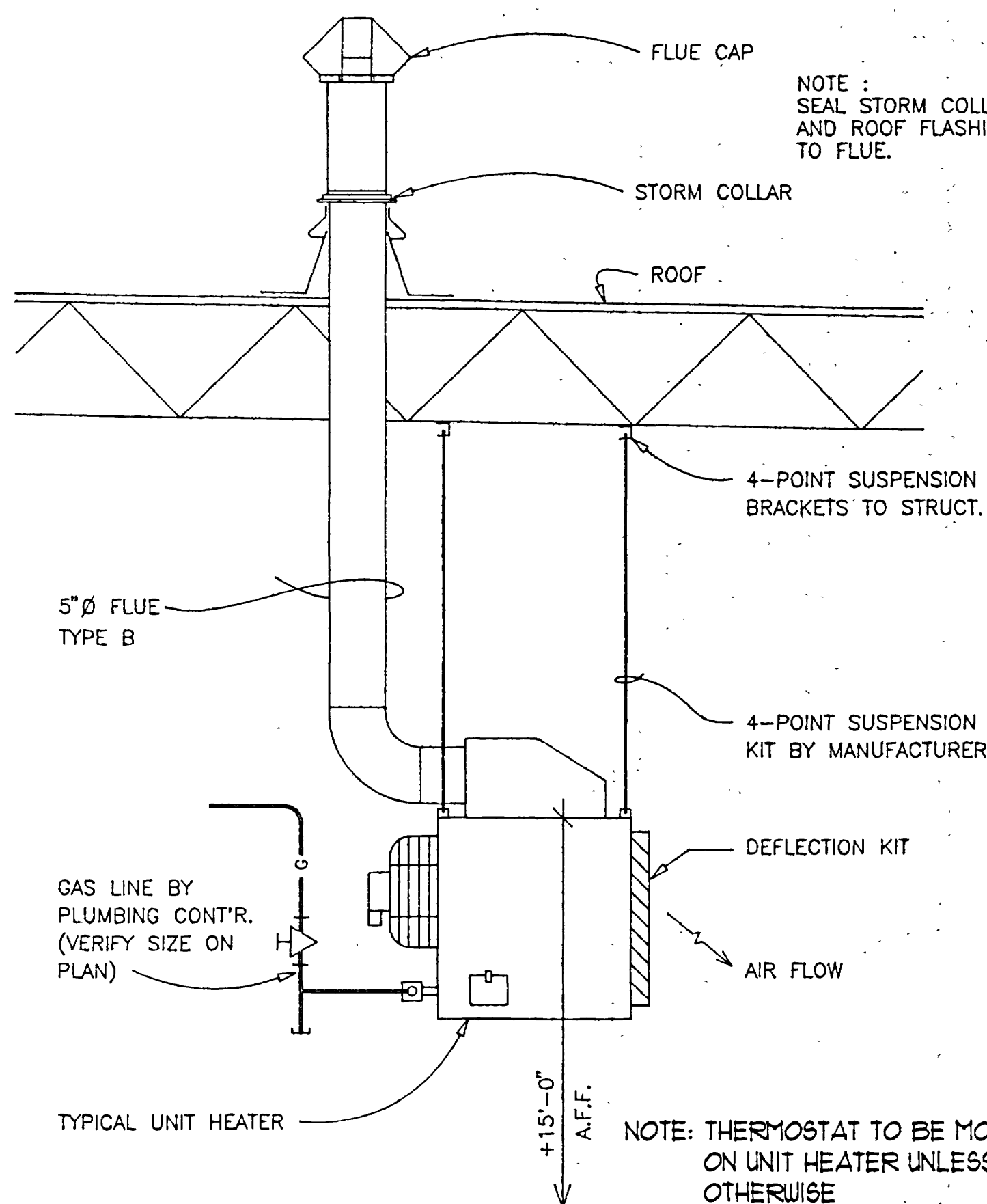
ROOF TOP CURB DETAIL

NO SCALE



BRANCH DUCT TAKE-OFF DETAIL

NO SCALE



GAS UNIT HEATER DETAIL

NO SCALE

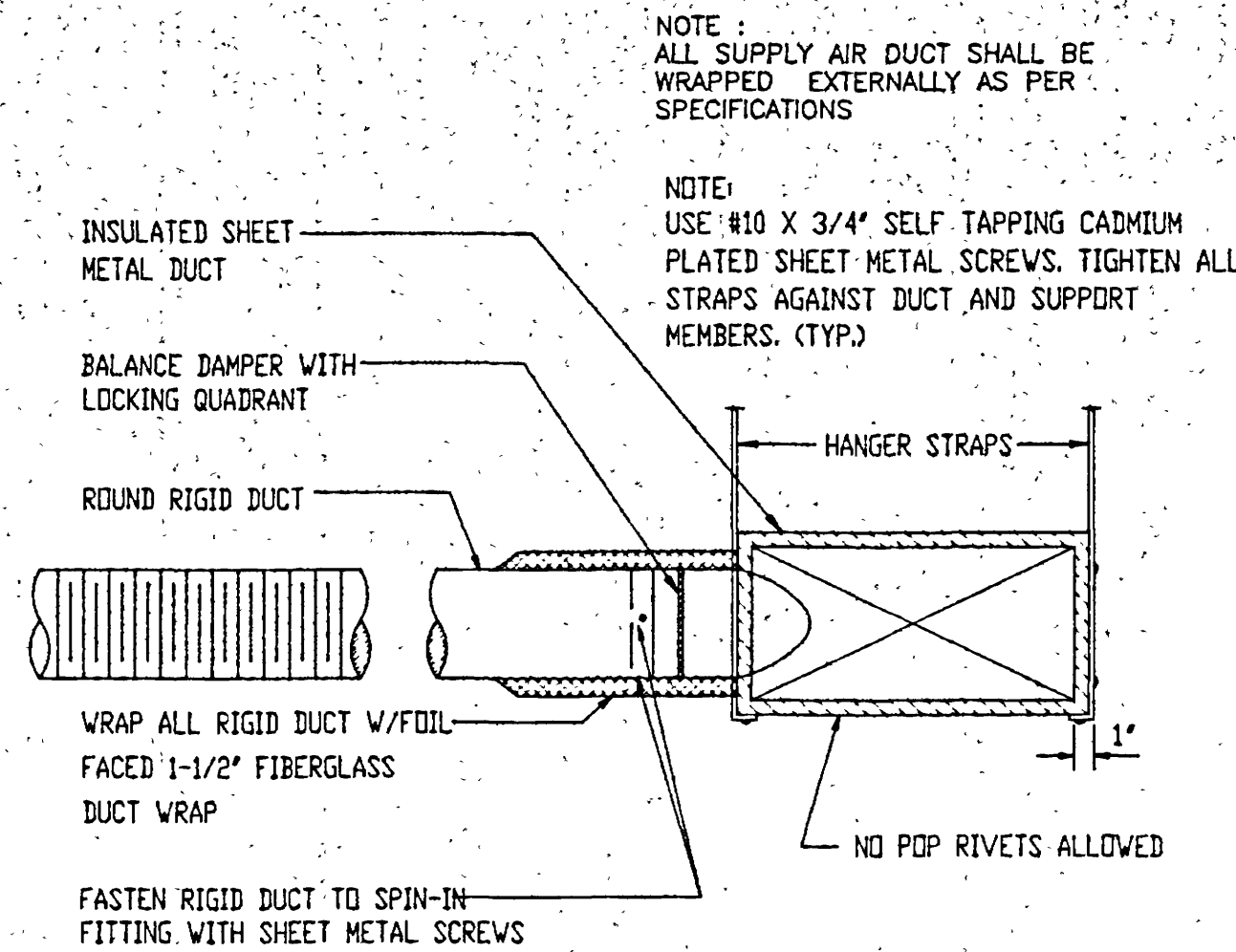
DIMENSION OF LONGEST SIDE, INCHES	SHEET METAL GAGE (ALL FOUR SIDES)	MINIMUM REINFORCING ANGLE SIZE AND MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS &/OR INTERMEDIATE REINFORCING	TRANSVERSE REINFORCING (1)									
			MIN. H. IN.	DRIVE SLIP	HEMMED S SLIP	ALTER'NT S SLIP	REIN- FORCED BAR SLIP	ANGLE SLIP	STAND. SEAM	POCKET LOCK	REINFORCED ANGLE SIZE	REINFORCED ANGLE SIZE
UP THRU 12	26	NONE REQUIRED	1	26	26	24	24	24	NOT REQ.	NOT REQ.	24	NOT REQ.
13 - 18	24	NONE REQUIRED	1	24	24	24	24	24	NOT REQ.	NOT REQ.	24	NOT REQ.
19 - 30	24	1"x1"x1/8" @ 60 IN	1	-	24	24	24	24	NOT REQ.	NOT REQ.	24	NOT REQ.
31 - 42	22	1"x1"x1/8" @ 60 IN	1	-	-	22	22	22	NOT REQ.	NOT REQ.	22	NOT REQ.
43 - 54	22	1 1/2"x1 1/2"x1/8" @ 60 IN	1 1/2	-	-	22	22	22	NOT REQ.	NOT REQ.	22	NOT REQ.
55 - 60	20	1 1/2"x1 1/2"x1/8" @ 60 IN	1 1/2	-	-	-	22	22	NOT REQ.	NOT REQ.	22	NOT REQ.
61 - 84	20	1 1/2"x1 1/2"x1/8" @ 30 IN	1 1/2	-	-	-	22	22	1 1/2x1 1/2x1/8	1 1/2x1 1/2x1/8	22	1 1/2x1 1/2x1/8

(1) TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.

(2) LONGITUDINAL JOINTS TO BE PITTSBURG OR SNAP LOCK TYPE.

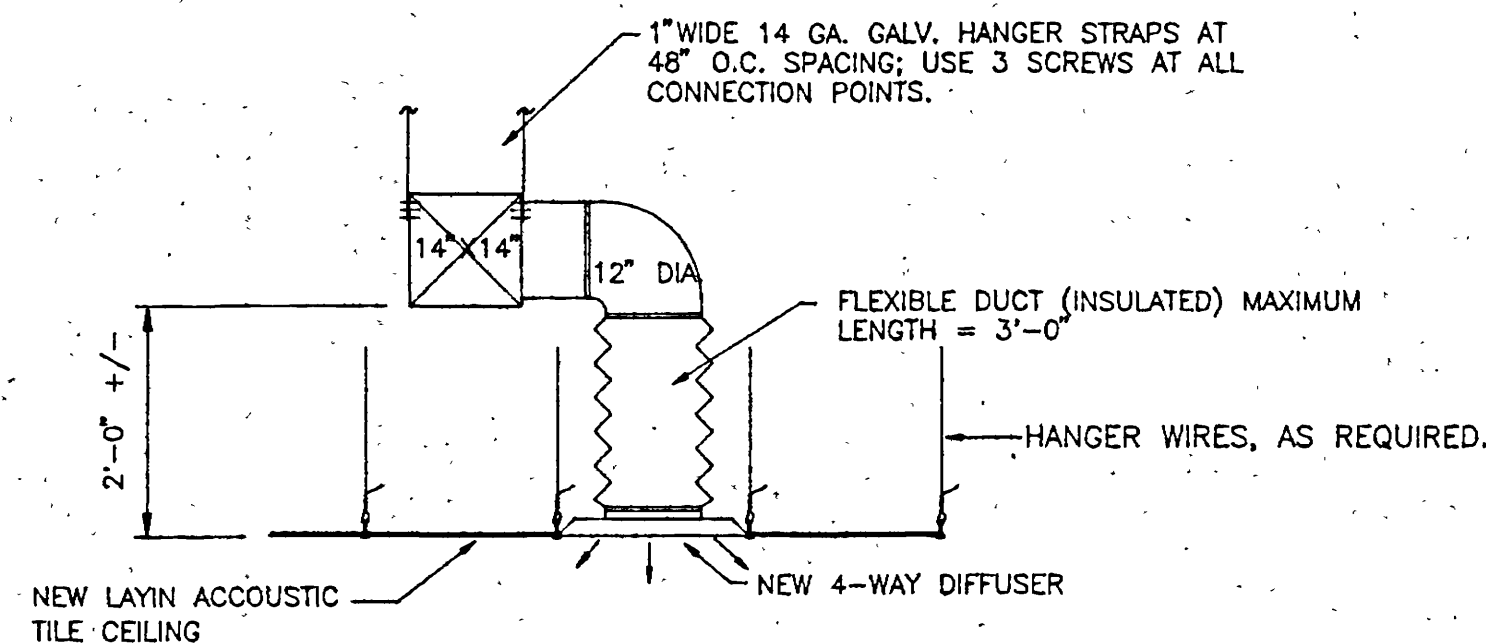
DUCT CONSTRUCTION DETAIL

SCALE: NONE



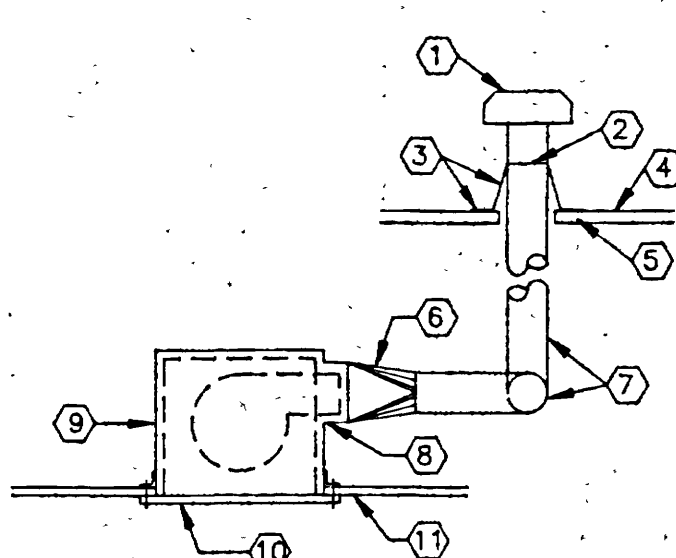
FLEX DUCT WITH SPIN IN FITTING

NO SCALE



TYPICAL DIFFUSER DETAIL

SCALE : 1/2" = 1'-0"



EXHAUST FAN DETAIL

SCALE : NONE

HANGER SIZES FOR RECTANGULAR DUCT			
MAX SIDE	HANGER	HORIZONTAL SUPPORT ANGLE	MAX SPACING
30"	1"x18" GAGE	NONE REQUIRED	10'-0"
36"	1/4" ROUND	1 1/2"x1 1/2"x1/2"	8'-0"
48"	1/4" ROUND	2"x2"x1/8"	8'-0"
60"	3/16" ROUND	2"x2"x1/8"	8'-0"
84"	3/8" ROUND	2"x2"x1/8"	8'-0"

REGISTER AND GRILLE SCHEDULE				
SYMBOL	SIZE	TYPE	C.F.M. RANGE	COMMENTS
RG-1	22"x22"	RETURN	1334	TITUS TYP 24" x 24"
TG-1	6" x 6"	TRANSFER	-	TITUS 25-RL5

DIFFUSER SCHEDULE				
SYMBOL	SIZE	BLOW	TYPE	C.F.M. RANGE
D-1	6" Ø	3 WAY	SUPPLY	50
D-2	8" Ø	4 WAY	SUPPLY	250
D-3	10" Ø	4 WAY	SUPPLY	300
D-4	10" Ø	3 WAY	SUPPLY	300

ROOFTOP HEATING COOLING UNIT																						
UNIT NO.	CFM	EXT. S.P.	COOLING MBH	HEAT INPUT MBH	HEAT OUTPUT MBH	UNIT WEIGHT	ELECTRICAL CHARACTERISTICS										MIN CIR AMP	MAX FUSE AMP	DUEL FLT SIZE	VOLTS	O	HZ
							COMPRESSOR					OUTDOOR FAN		INDOOR FAN								
							#	HP	HLA	LRA	#	HP	FLA	#	HP	FLA						
RT-1	4000	1.00"	125	205	160	----	2 3/5	18.0	118	1	1.0	5.5	1	2.0	7.6	55.7	70	----	208	3	60.	

NOTES: ① AT SEA LEVEL ② TRANE MODEL NO. YCD120C3M4WL, EER 9.0 EFF RATING AFUE 80%

GAS FIRED UNIT HEATER SCHEDULE *											
UNIT NO.	LOCATION	INPUT B.T.U.	OUTPUT B.T.U.	C.F.M.	TEMP OF ENT LGV	EXT. S.P. H ₂ O	MOTOR H.P.	R.P.M.	FAN TYPE	FLUE SIZE	MAKE AND MODEL NUMBER
UH-1	OVERHEAD DOOR	30,000	22,500	90	--	--	8 MHP	1550	PROP	4"	MODINE PAE-30

* EFF RATING : AFUE 80%

EXHAUST FAN SCHEDULE									
SYMBOL	NO. REQ'D	LBS. WT.	LOCATION	C.F.M.	TOTAL S.P.	R.P.M.	MOTOR	ROOF OF WALL OPENING	COMMENTS
EF-1	1	21	RESTROOM	90	125"	1050	50 WATTS 120/1/60	CEILING MOUNT	PENN ZEPHYR MODEL NO. Z-6 c/w ROOF CAP

PLUMBING FIXTURE SCHEDULE							
LEGEND	SYMBOL	FIXTURE	WASTE	VENT	TRAP	C.W.	H.W.
P-1	⊙	WATER CLOSET	4"	2"	4"	1/2"	---
P-2	⊙	HAND SINK	1 1/2"	1 1/2"	1 1/2"	1/2"	1/2"
P-3	⊙	SERVICE SINK	2"	1 1/2"	2"	1/2"	1/2"
P-4	⊙	FLOOR DRAIN	3"	1 1/2"	3"	---	---
P-5	⊙	NOT USED	---	---	---	---	---
P-6	→	HOSE BIBB	---	---	---	3/4"	---
P-7	⊙	BREAK SINK	1 1/2"	1 1/2"	1 1/2"	1/2"	1/2"
WH-1	⊙	WATER HEATER	---	---	---	3/4"	3/4"

① WATER HEATER MUST MEET REQUIREMENTS OF ENERGY CODE AND SUPPLY TEMPERATURE TO BE SET AT 105° F. MIN. EFF.

LEGEND	
SYMBOL	DESCRIPTION
VD	BRANCH DUCT TAKE-OFF
VD	BRANCH DUCT TAKE-OFF
VD	DUCT TEE CONNECTION
VD	ROUND TO RECTANGULAR DUCT TRANSITION
VD	OPPOSED BLADE VOLUME DAMPER W/ CONCEALED CEILING DAMPER REGULATOR
①	THERMOSTAT

architects/planners

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SALT LAKE CITY, UTAH 84115
(801) 454-2046

NEW BUILDING :

STATE LIQUOR STORE

ALCOHOLIC BEVERAGE CONTROL
DFOCM PROJECT NO. AB96147
1255 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH

MECHANICAL DETAILS AND SCHEDULES	
DATE MAR. 11, 1997	SHEET
FILE NO. 96-53	M-2
DRAWN BY TJP	SHEET OF SHEETS
CHECKED BY JV	

0000EAM2
Alcoholic Beverage Control, State Liquor Store, 1255 West North Temple, Salt Lake City, Utah - AB 96-147
Mechanical Details & Schedules - 14217

Diagram illustrating the installation of a telephone riser system. The system includes a terminal board (TELE/COMM TERMINAL BOARD) mounted on a fire-retardant plywood floor. The board is connected to a central riser unit (A-9) via a 3/4" C (TYP) conduit. The riser unit is connected to a 1" GND (TYP) ground and a 3" PVC underground line. The riser unit is also connected to a 3/4" C (TYP) conduit leading to a terminal board (A-9). The terminal board is connected to a 1" GND (TYP) ground and a 3" PVC underground line. The riser unit is connected to a 3/4" C (TYP) conduit leading to a terminal board (A-9). The terminal board is connected to a 1" GND (TYP) ground and a 3" PVC underground line. The riser unit is connected to a 3/4" C (TYP) conduit leading to a terminal board (A-9). The terminal board is connected to a 1" GND (TYP) ground and a 3" PVC underground line.

TELE/COMM TERMINAL BOARD,
6' x 4' x 3/4" FIRE-RETARDANT
PLYWOOD, MOUNT 6'-0" ABOVE
FLOOR TO TOP OF BOARD.

TERMINATE ALL CONDUITS
6" BELOW BOTTOM OF
TERMINAL BOARD

OFFICE
105

SALES AREA
104

3/4" C
(TYP)

3/4" C
(TYP)

1" GND, 3/4" C TO GROUND
BUS IN PANEL 'A'. LEAVE
3 FT. SLACK CONDUCTOR
COILED AT TERMINAL BOARD.

3" PVC, UNDERGROUND TO PROPERTY LINE
AS DIRECTED BY TELEPHONE COMPANY.

1. COORDINATE INSTALLATION OF NEW
TELEPHONE SERVICE WITH LOCAL
TELEPHONE COMPANY PRIOR TO
BEGINNING WORK.

PANEL 'A'
120/208 V, 3 ϕ

4 #3/0 THIN,
1 #2 GND, 2" C
UNDERGROUND

1 #2 GND, 1-1/4" C, TO ENTRANCE
OF WATER MAIN, WITH BONDING
JUMPER ACROSS MAIN VALVE,
SEE ELECTRICAL FLOOR PLAN,
SHEET E-1.

200 AMP METER/MAIN BREAKER COMBINATION
WITH BREAKER SIZE AS NOTED, SAFETY SOCKET
AND MANUAL BYPASS IN NEMA 3R ENCLOSURE
WITH SEALING 4 PADLOCK PROVISIONS.
120/208 V, 3 ϕ , 4W, 10000 A.I.C. AS APPROVED
BY LOCAL POWER COMPANY.
CIRCLE 4W CAT. NO. U277 MTBH OR EQUAL.

3P-100A

(M)

1. ALL CONDUCTORS SHOWN SHALL BE COPPER.
2. COORDINATE INSTALLATION OF NEW ELECTRICAL SERVICE AND METERING WITH LOCAL POWER COMPANY PRIOR TO BEGINNING WORK.

100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%

SYMBOL	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMP
F-1	LIGHTOLIER LITHONIA WILLIAMS	PS2GGRFVB432-120/D4-10 2SPGB432-RW-A12.125- 120GEB10-1/4-SLL 50G-D24-432-RWKA125-E/ 120-10X	2' X 4', 4 LAMP, STATIC LAY-IN FLUORESCENT FIXTURE WITH FLOATING REGRESSED ALUMINUM DOOR, BLACK REVEAL 0.125" THICK ACRYLIC PRISMATIC LENS, SPRING LOADED DOOR LATCHES AND ONE (1) 4 LAMP, 120 VOLT ELECTRONIC BALLAST.	4F032T8/35K
F-1A	LIGHTOLIER LITHONIA WILLIAMS	PS2GGRFVB432-120/S0-10 2SPGB432-RW-A12.125- 120GEB10-SLL 50G-D24-432-RWKA125- (2)E232/120-10X	SAME AS F-1 EXCEPT WITH TWO (2) 2 LAMP 120 VOLT ELECTRONIC BALLASTS WIRED FOR INBOARD/OUTBOARD LAMP OPERATION.	4F032T8/35K
F-2	LIGHTOLIER LITHONIA WILLIAMS	PS2GGRFVB332-120/D3-10 2SPGB332-RW-A12.125- 120GEB10-1/3-SLL 50G-D24-332-RWKA125-E/ 120-10X	SAME AS F-1 EXCEPT 3 LAMP WITH ONE (1) 3 LAMP 120 VOLT ELECTRONIC BALLAST.	3F032T8/35K
F-3	LIGHTOLIER LITHONIA WILLIAMS	PS2GGRFVB332-120/S0-10 2SPGB332-RW-A12.125- 120GEB10-SLL 50G-D24-232-RWKA125-E/ 120-10X	SAME AS F-1 EXCEPT 2 LAMP WITH ONE (1) 2 LAMP 120 VOLT ELECTRONIC BALLAST.	2F032T8/35K
F-4	LIGHTOLIER LITHONIA WILLIAMS	KL7232-120/S0-10 LB232A-120GEB10 17-4-232-A-E/120-10X	SURFACE MOUNTED, 2 LAMP, FLUORESCENT FIXTURE WITH ACRYLIC PRISMATIC LENS AND 120 VOLT ELECTRONIC BALLAST.	2F032T8/35K
F-5	DAY-BRITE LIGHTOLIER PRUDENTIAL	C32B2W-120-EB-10 CW8232DW-120/S0-10 P-1862-48C10-120A-120	WALL MOUNTED FLUORESCENT FIXTURE WITH INJECTION MOLDED ACRYLIC PRISMATIC LENS, WHITE FINISH, UP & DOWN LIGHT AND 120 VOLT ELECTRONIC BALLAST.	2F032T8/35K
F-6	INFINITY LIGHTOLIER LITHONIA	PH75-1260-120-PS 8055-CL/7126-HM120 AF-1V26DTT-8AR-120V.	RECESSED COMPACT FLUORESCENT DOWNLIGHT WITH SPECULAR CLEAR ALZAK REFLECTOR, THERMAL PROTECTION AND 120 VOLT HIGH POWER FACTOR BALLAST.	1F26DTT/35K
F-7	MCPHILBEN	102-FT-100HPS-120-BGP	WALL MOUNTED HIGH PRESSURE SODIUM FIXTURE WITH CLEAR TEMPERED GLASS LENS, CAST ALUMINUM HOUSING, SPECULAR ALZAK REFLECTOR, FORWARD THRU LIGHT DISTRIBUTION, BEIGE POLYESTER POWDER COAT FINISH MEDIUM BASE LAMP AND 120 VOLT HIGH POWER FACTOR BALLAST. MAXIMUM FIXTURE HEIGHT OF 11"	100 W HPS, ED-17
F-8	DAY-BRITE EXCELINE RAB	WLM100S-120 313100HLXL-1 WPESH100-120	WALL MOUNTED HIGH PRESSURE SODIUM FIXTURE WITH PRISMATIC TEMPERED GLASS LENS, CAST ALUMINUM HOUSING, DARK BRONZE FINISH, MEDIUM BASE LAMP AND 120 VOLT HIGH POWER FACTOR BALLAST.	100 W HPS, ED-17
F-9	EMERGI-LITE HIGH-LITES LITHONIA	WA-LEDP-XN-1-G ZBP-CLED-2-G-WS-ZCBN LS-S-1-G-120/277-ELN	CEILING MOUNTED LIGHT EMITTING DIODE (LED) EXIT LIGHT WITH GREEN LETTERS ON BRUSHED ALUMINUM STENCIL FACE, PRISMATIC DIFFUSER, CAST ALUMINUM HOUSING WITH BLACK FINISH, SEALED MAINTENANCE FREE NICKEL CADMIUM BATTERY PACK WITH CHARGER, INDICATOR LIGHT AND TEST SWITCH. THREE (3) YEAR FULL WARRANTY WITH ADDITIONAL SEVEN (7) YEAR PRO-RATA BATTERY WARRANTY.	FURNISHED W/FIXTURE
F-10	EMERGI-LITE HIGH-LITES LITHONIA	WA-LEDP-XN-2-G ZBP-CLED-3-G-WS-ZCBN LS-S-2-G-120/277-ELN	SAME AS F-8 EXCEPT DOUBLE FACED.	FURNISHED W/FIXTURE
F-11	INDY INFINITY LITHONIA	8100S-BKB-120-FL HPSHPSRL10-100-FF-MB- 120HPF LGH100S-9SB-FFL-120HPF	RECESSED HIGH PRESSURE SODIUM DOWNLIGHT WITH TEMPERED GLASS FRESNEL LENS, BLACK GROOVED BAFFLE, THERMAL PROTECTION AND 120 VOLT HIGH POWER FACTOR BALLAST.	100 W HPS, ED-17
F-12	GARDCO LITHONIA WIDELITE	EH19-1-Q-400JPS-DBS-BRP/ SSS-35-7-D1-BRP KSF2-410S-RSS-208-SP09/ SSS-35-5G-DM19-SBC5-DOB S10400-S-208-S-DB/ SSP35-S-7-BRZ-DM10-BC	HIGH PRESSURE SODIUM PARKING LOT FIXTURE WITH EXTRUDED ALUMINUM HOUSING, CLEAR TEMPERED GLASS LENS, TYPE V LIGHT DISTRIBUTION, DARK BRONZE FINISH AND 208 VOLT HIGH POWER FACTOR BALLAST MOUNTED ON 35 FT., 5" SQUARE STRAIGHT STEEL POLE WITH WEATHERPROOF HANDHOLE COVER, GROUND LUG IN HANDHOLE, ALUMINUM ANCHOR BOLT COVER AND DARK BRONZE FINISH TO MATCH FIXTURE.	400 W HPS ED-18

CBI CONTROL CIRCUIT BREAKER, 120 VOLT, 5 AMP THERMAL MAGNETIC TRIP; SQUARE D CLASS 9080, TYPE GC850 OR EQUAL. INSTALL ON TERMINAL BLOCK MOUNTING RAIL IN CONTROL CABINET.

SSI SELECTOR SWITCH, 3 POSITION, MAINTAINED CONTACT, WITH 2 N.O. & 2 N.C. CONTACTS RATED 10 AMPS, STANDARD BLACK KNOB AND LEGEND PLATE. SQUARE D CLASS 901, TYPE K343BH2/KN360 OR EQUAL. INSTALL IN FRONT COVER OF CONTROL CABINET.

PCI PHOTOCELL, 2000 WATT, 120 VOLT, WITH SPST CONTACTS; TDRK #2101 OR EQUAL, MOUNT ON ROOF OR OUTSIDE WALL FACING NORTH AND AWAY FROM ANY DIRECT LIGHT SOURCES.

TSI TIME SWITCH, ELECTRONIC, 120 VAC WITH 5 AMP SPST CONTACT AND NICKEL CADMIUM BATTERY BACKUP; INTERMATIC MODEL ET715-C OR EQUAL. INSTALL ADJACENT TO CONTROL CABINET.

LC1 LIGHTING CONTACTOR, ELECTRICALLY HELD, WITH 6 POLE 20 AMP, 600 VOLT CONTACTS AND 120 VAC COIL; SQUARE D CLASS 8903, TYPE L060-V02 OR EQUAL. INSTALL IN CONTROL CABINET.

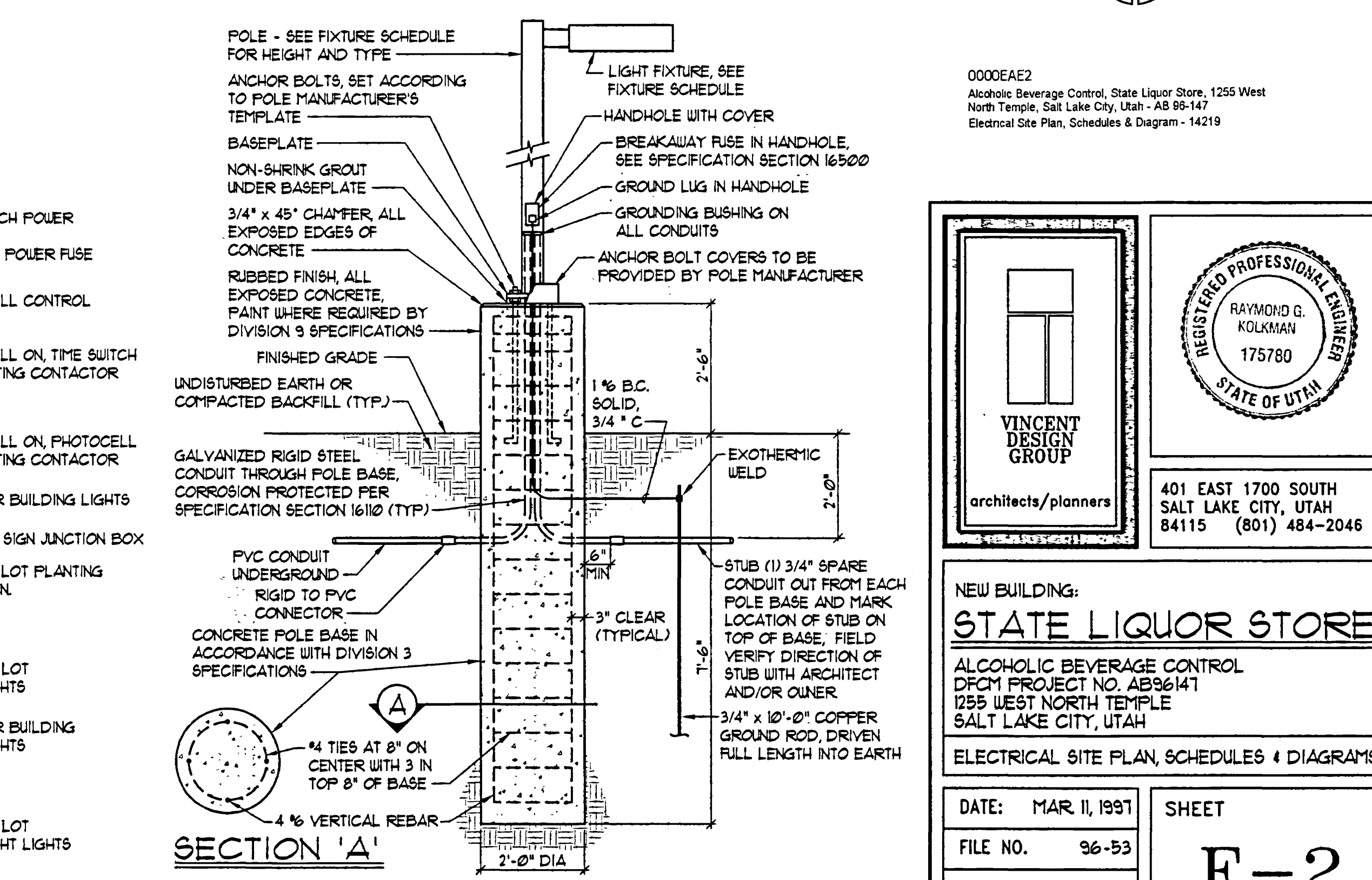
LC2 LIGHTING CONTACTOR, ELECTRICALLY HELD, WITH 4 POLE 20 AMP, 600 VOLT CONTACTS AND 120 VAC COIL; SQUARE D CLASS 8903, TYPE L040-V02 OR EQUAL. INSTALL IN CONTROL CABINET.

LIGHTING CONTROL CABINET, 12" x 16" H x 6" D, NEMA 1 ENCLOSURE WITH HINGED FRONT COVER, FLUSH LATCH AND EQUIPMENT MOUNTING PANEL; WIEGMAN #N1C-12166 OR EQUAL.

TERMINAL BLOCKS: 600 VOLT, FOR #22-40 CONDUCTORS, PROVIDE WITH MOUNTING RAIL, END BARRIERS, ETC. AS REQUIRED. SQUARE D CLASS 9080, TYPE GR6 OR EQUAL. INSTALL IN CONTROL CABINET.

1. USE MINIMUM #14 STRANDED WIRE FOR ALL CONTROL CONDUCTORS. LABEL WIRE ACCORDING TO NUMBER ON CONTROL DIAGRAM. SEE SPECIFICATION SECTION 16195.
2. REFER TO ELECTRICAL PLANS FOR POWER WIRE SIZES.
3. PROVIDE ENGRAVED NAMEPLATE FOR "EXTERIOR LIGHTING CONTROL CABINET" IN ACCORDANCE WITH SPECIFICATION SECTION 16195. PROVIDE SELF-ADHESIVE LABEL TO INCLUDE CIRCUIT NUMBERS OF ALL CONTROL AND POWER CIRCUITS.
4. PROVIDE SELF-ADHESIVE LABELS TO IDENTIFY ALL CONTROL DEVICES ACCORDING TO WIRING DIAGRAM.
5. PROVIDE DEVICES AS SPECIFIED OR EQUAL OF ACCEPTABLE MANUFACTURERS LISTED IN SPECIFICATION SECTION 16480.

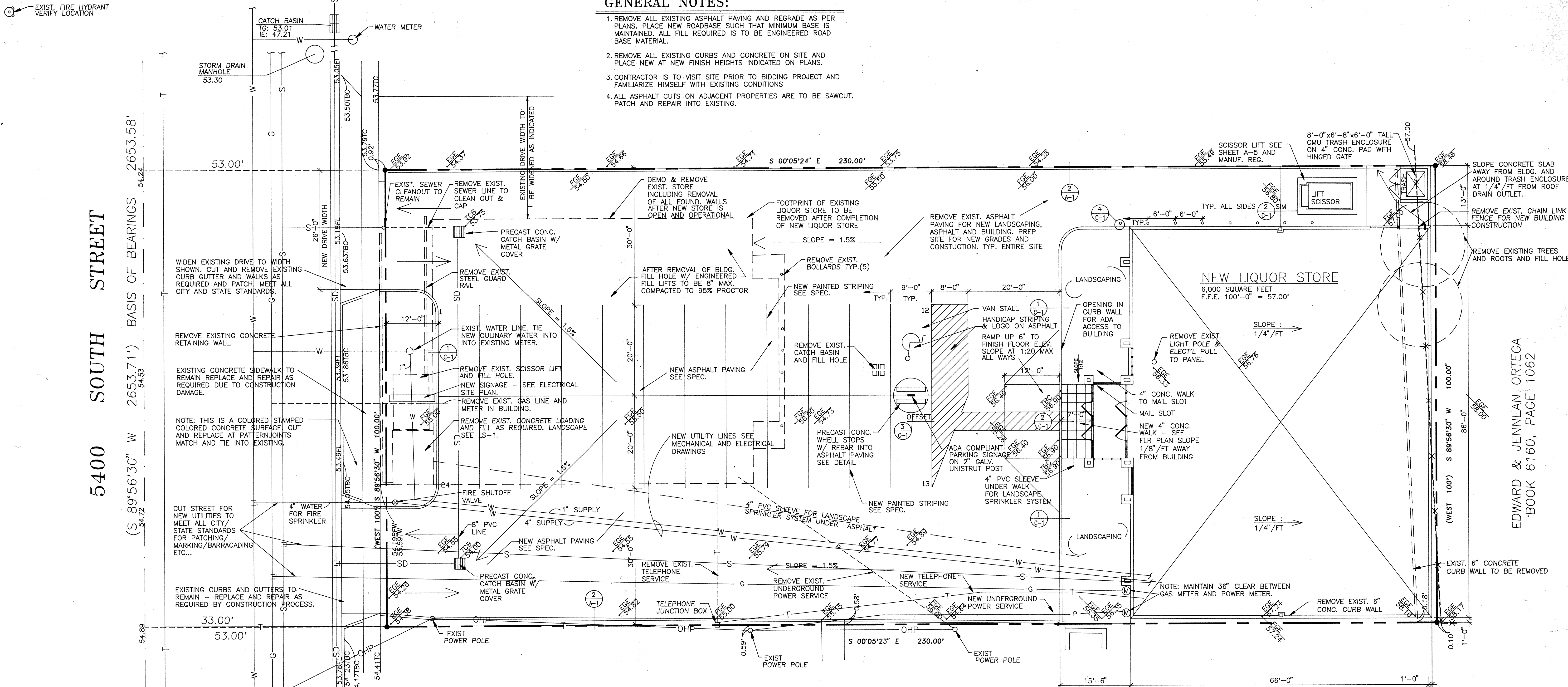
SCHEMATIC

[illegible]

ELECTRICAL SITE PLAN, SCHEDULES & DIAGRAMS

DATE: MAR 11, 1997	SHEET E-2 SHEET 2 OF 2 SHEETS
FILE NO. 96-53	
DRAWN BY: WBG.	
CHECKED BY: RGK	

State Liquor Store #26, Taylorsville - AB:97-047
Title Sheet, Index, Legend, & Symbols - 1209
BOOK 1071



GENERAL NOTES:

1. REMOVE ALL EXISTING ASPHALT PAVING AND REGRADE AS PER PLANS. PLACE NEW ROADBASE SUCH THAT MINIMUM BASE IS MAINTAINED. ALL FILL REQUIRED IS TO BE ENGINEERED ROAD BASE MATERIAL.
2. REMOVE ALL EXISTING CURBS AND CONCRETE ON SITE AND PLACE NEW AT NEW FINISH HEIGHTS INDICATED ON PLANS.
3. CONTRACTOR IS TO VISIT SITE PRIOR TO BIDDING PROJECT AND FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS.
4. ALL ASPHALT CUTS ON ADJACENT PROPERTIES ARE TO BE SAWCUT, PATCH AND REPAIR INTO EXISTING.

SITE PLAN

SCALE 1" = 10'-0"

RECORD SET

REASONABLE LEVEL OF ACCURACY CAN BE EXPECTED, BUT NO WARRANTY OF 100% ACCURACY IS MADE OR IMPLIED SEPT. 10, 1998

CONTRACTOR VERIFIED AS-BUILTS - AUG. 25, 1998

CURB DETAIL

SCALE: 3/4" = 1'-0"

1

C-1

DETAIL

SCALE: 3/4" = 1'-0"

2

C-1

DETAIL

SCALE: 3/4" = 1'-0"

3

C-1

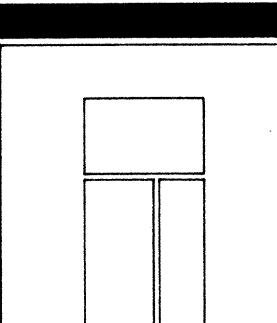
DETAIL

SCALE: 3/4" = 1'-0"

4

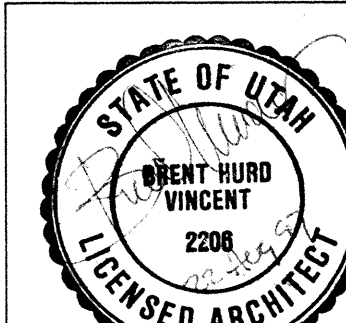
C-1

EDWARD & JENNEAN ORTEGA
BOOK 6160, PAGE 1062



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STATE OF UTAH
BRENT HURD
VINCENT
2208
LICENSED ARCHITECT

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401 EAST 1700 SOUTH
SALT LAKE CITY, UTAH
84115 (801) 484-2046

NEW BUILDING :
STATE LIQUOR STORE

ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB97047

LIQUOR STORE #26
3900 WEST 5400 SOUTH
TAYLORSVILLE, UTAH

SITE PLAN AND DETAILS

DATE JULY 31, 1997	SHEET
FILE NO. 97-30	C-1
DRAWN BY TJP	
CHECKED BY JV	SHEET OF SHEETS

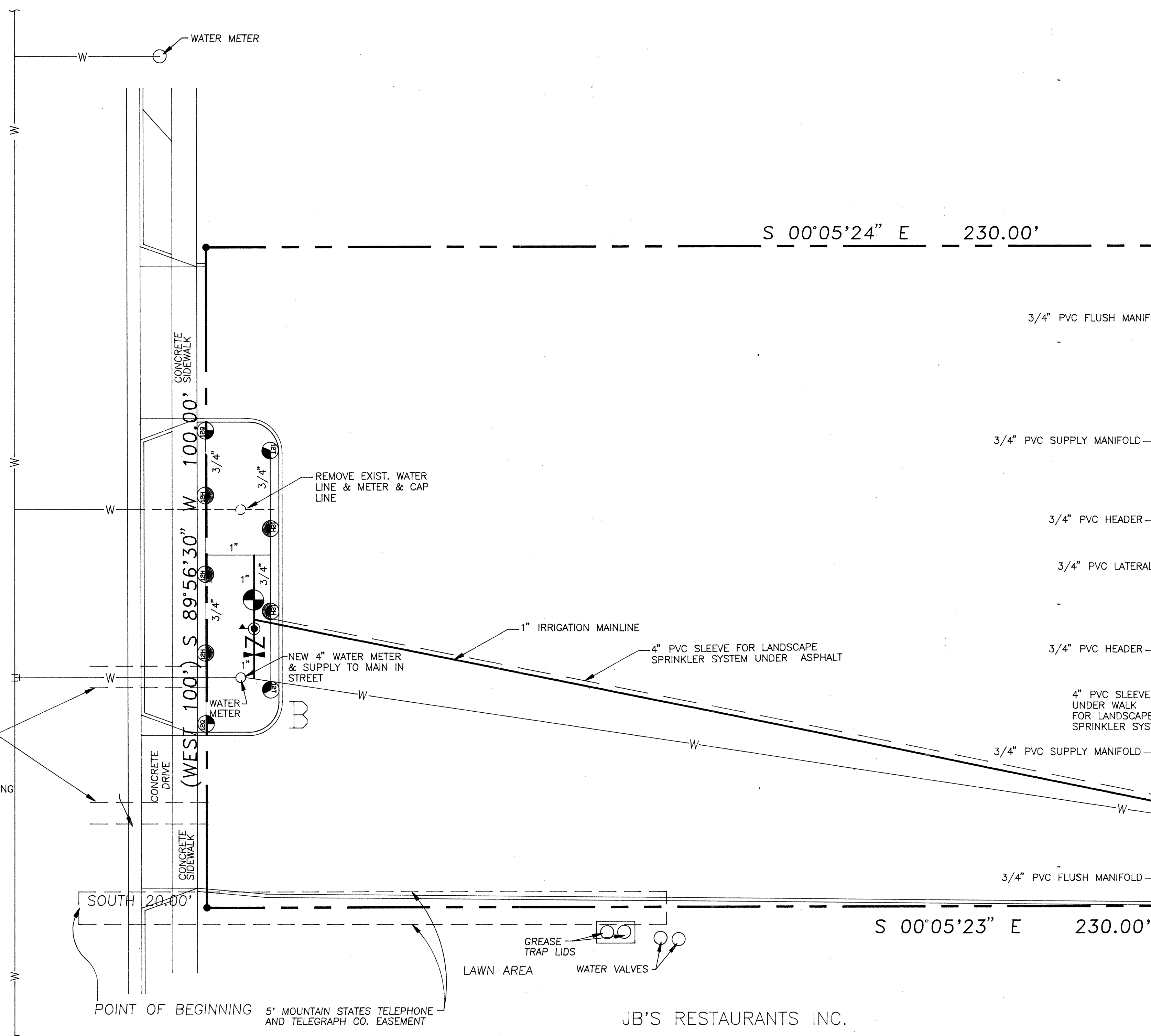
State Liquor Store #26, Taylorsville - AB97-047
Site Plan & Details - 1210

EXIST. FIRE HYDRANT
VERIFY LOCATION

5400 SOUTH STREET

(S 89°56'30" W 2653.71') BASIS OF BEARINGS 2653.58'

OUT STREET FOR
NEW UTILITIES TO
MEET ALL CITY/
STATE STANDARDS
FOR PATCHING/
MARKING/BARRACADING
ETC...



FRICTION LOSS - A-B		
QTY	DESCRIPTION	PSI LOSS/TOTAL
13'	TORO RGP-218-10 DL-2000 DRIPLINE	.50 1.07
68'	3/4" SCHEDULE 40 PVC PIPE	2.15 1.46
144'	1" SCHEDULE 40 PVC PIPE	.66 .95
2	TORO 290 SERIES REMOTE CONTROL VALVE 1"	4.00 4.00
1	WILKIN 500YSBR PRESSURE REDUCER 1"	3.00 3.00
1	WILKIN 950 XL BACKFLOW PREVENTER	7.00 7.00
1	GATE VALVE 1"	2.00 2.00
TOTAL PSI LOSS		18.48

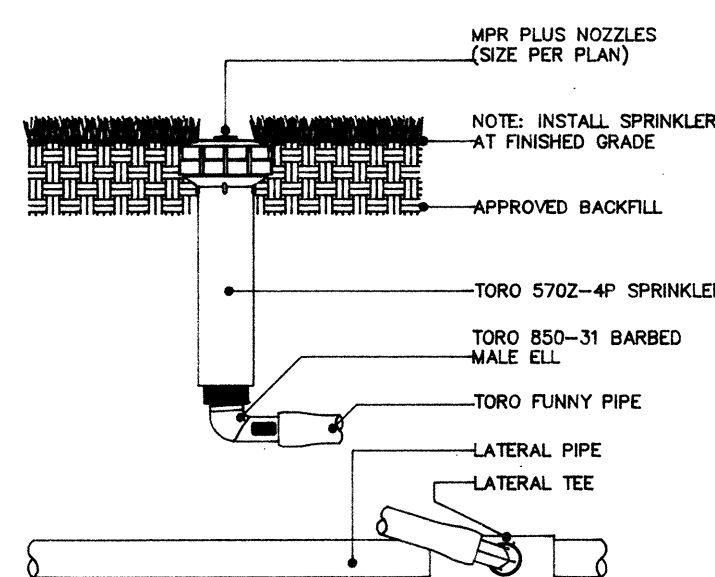
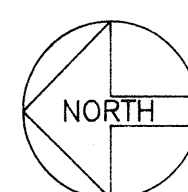
SPRINKLER SCHEDULE	
QTY	DESCRIPTION
1	GATE VALVE 1"
1	WILKIN 950 XL BACKFLOW PREVENTER
1	WILKIN 500YSBR PRESSURE REDUCER 1"
2	TORO 290 SERIES REMOTE CONTROL VALVE 1"
5	TORO 570Z-4P-12H SPRAY HEAD
2	TORO 570Z-4P-12Q SPRAY HEAD
2	TORO 570Z-4P-12T SPRAY HEAD
2	TORO DL-2000 CEFCH-H FLUSHING CAP
2	YD-500-34 1 1/2" AIR/VACUUM RELIEF VALVE
1	TORO GK8-06-04 GREENKEEPER CONTROLLER
172'	1" SCHEDULE 40 PVC PIPE
225'	3/4" SCHEDULE 40 PVC PIPE
600'	TORO RGP-218-10 DL-2000 DRIPLINE

RECORD SET
REASONABLE LEVEL OF ACCURACY CAN
BE EXPECTED, BUT NO WARRANTY OF
100% ACCURACY IS MADE OR IMPLIED
SEPT. 10, 1998

CONTRACTOR VERIFIED AS-BUILTS - AUG. 25, 1998

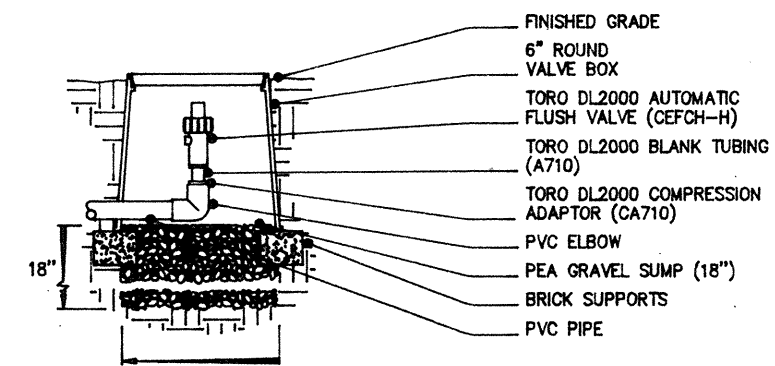
IRRIGATION PLAN

SCALE 1" = 10'-0"



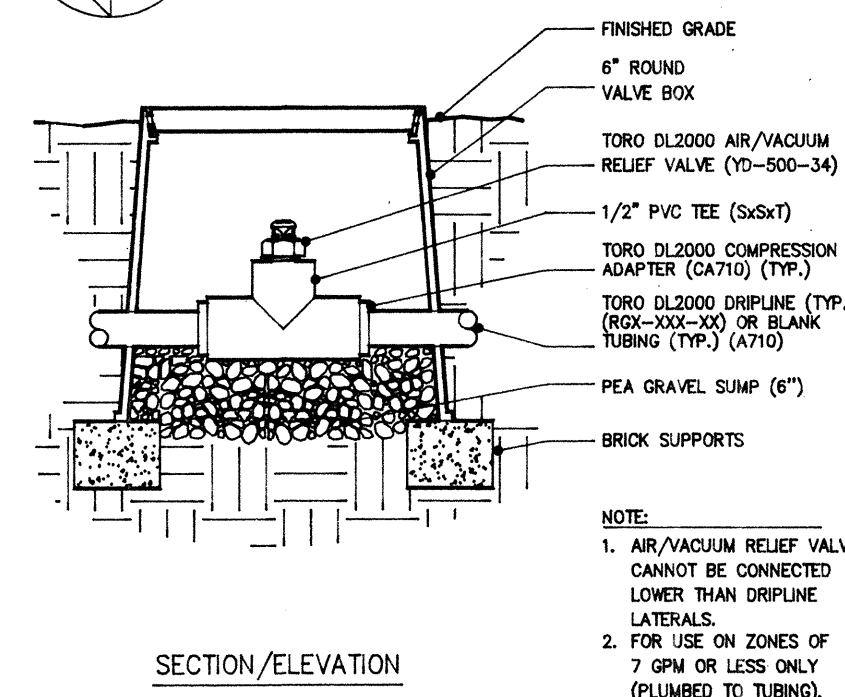
FIXED-SPRAY SPRINKLER
TORO 570Z-4P

SCALE: NOT TO SCALE



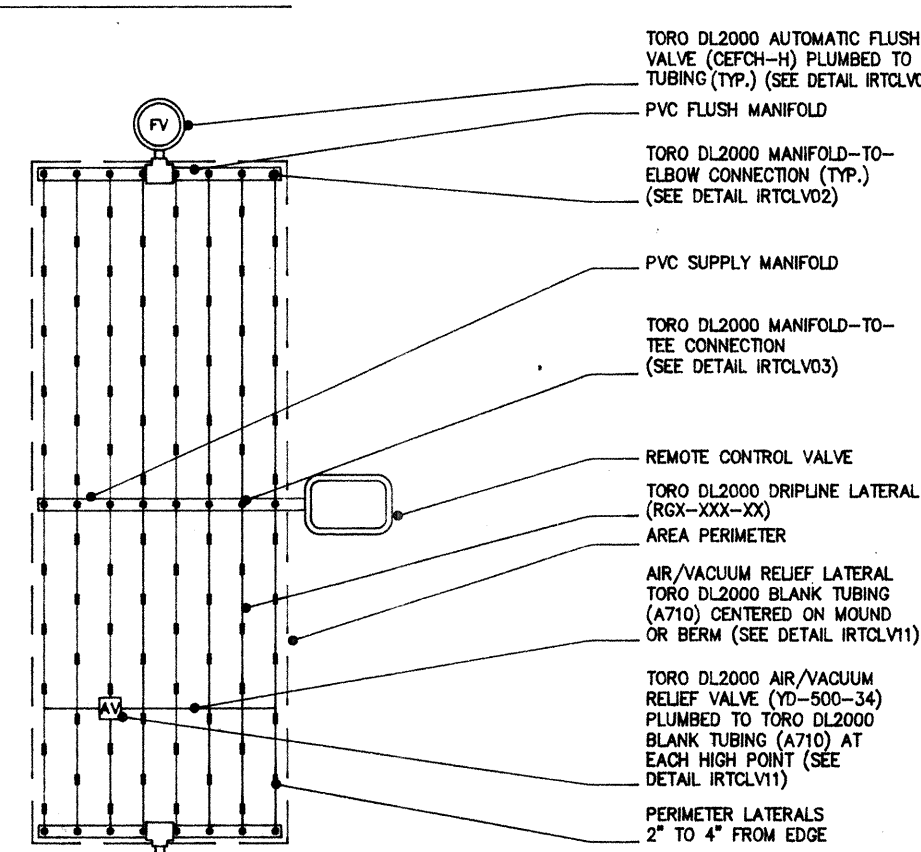
AUTOMATIC FLUSH VALVE
TORO DL2000

SCALE: NOT TO SCALE



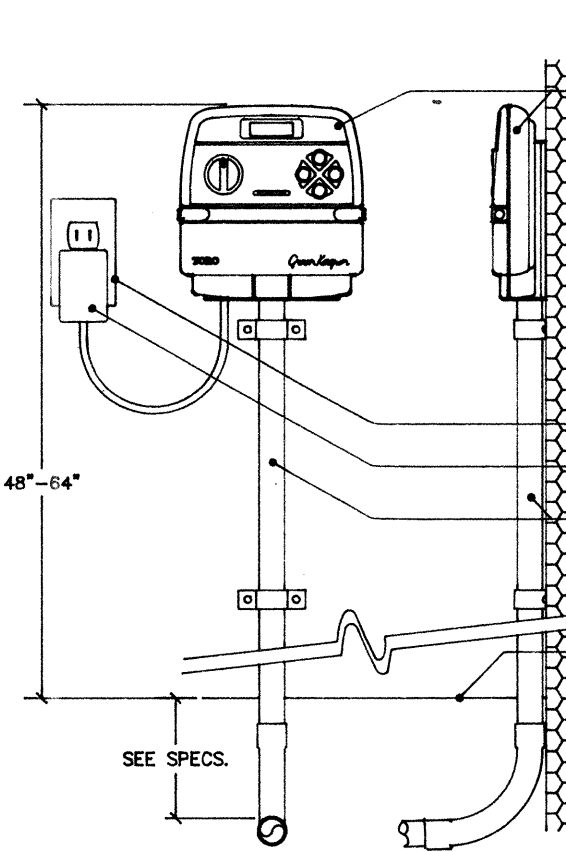
1/2" AIR/VACUUM RELIEF VALVE
TORO DL2000

SCALE: NOT TO SCALE



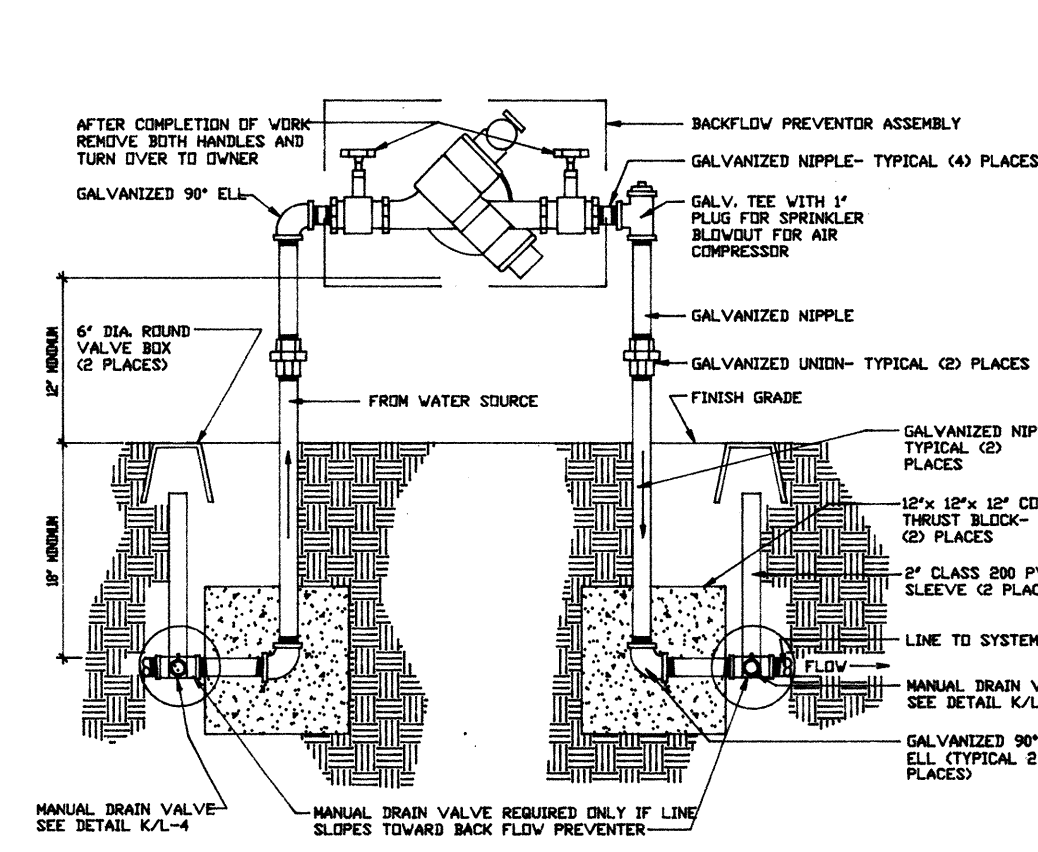
CENTER-FEED LAYOUT
TORO DL2000

SCALE: NOT TO SCALE



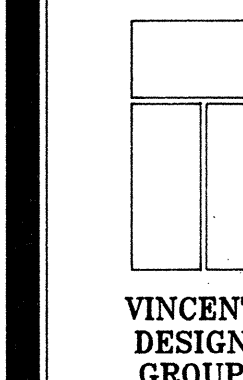
WALL-MOUNT CONTROLLER
TORO GREENKEEPER

SCALE: NOT TO SCALE

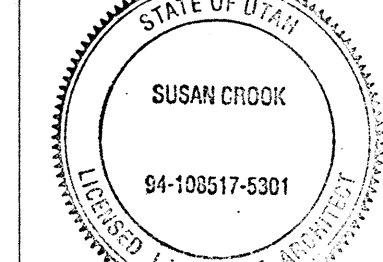


CONNECTION DETAIL

SCALE: NO SCALE



architects/planners



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STATE LIQUOR STORE

ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB97057

LIQUOR STORE #26

3900 WEST 5400 SOUTH
TAYLORSVILLE, UTAH

LANDSCAPE PLAN AND DETAILS

DATE JULY 31, 1997

FILE NO. 97-30

DRAWN BY TJP

CHECKED BY JV

SHEET

LS-1

SHEET OF SHEETS

EDWARD & JENNEAN ORTEGA
BOOK 6160, PAGE 1062

(S 89°56'30" W 2653.71') BASIS OF BEARINGS 2653.58'



REASONABLE LEVEL OF ACCURACY CAN
BE EXPECTED, BUT NO WARRANTY OF
100% ACCURACY IS MADE OR IMPLIED
SEPT. 10, 1998

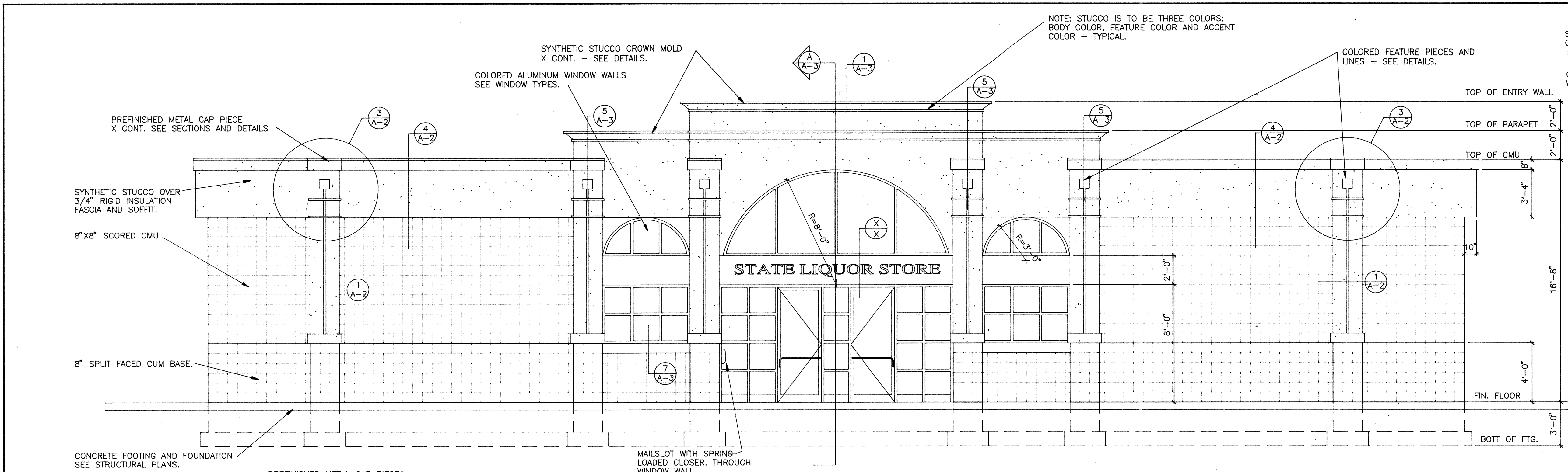
SCALE 1" = 10'-0"

DL2000:
FIRST ROW FROM HARDSCAPE IS NOT TO EXCEED 4"
SPACE BETWEEN ROWS IS NOT TO EXCEED 18" AND
TO BE EQUALLY SPACED.
LOCATE AIR VALVE AT HIGH POINT AS NEEDED, MINIMUM
ONE PER PLANTER AREA.
INSTALL ONE MANUAL DRAIN PER VALVE BOX.
SLOPE ALL MAIN LINES AND LATERAL LINES TO MANUAL
DRAINS. TYPICAL.

The advertisement is divided into two main sections. The top section, enclosed in a thick black border, features a minimalist logo consisting of three stacked rectangles on the left. To the right of the logo, the text "VINCENT DESIGN GROUP" is written in a bold, sans-serif font. Below this, the phrase "architects/planners" appears in a smaller, lowercase sans-serif font. The bottom section, also enclosed in a thick black border, features a circular professional seal on the left. The seal has a serrated edge and contains the text "STATE OF UTAH" at the top, "SUSAN CROOK" in the center, and "94-108517-5301" below it. The words "LICENSED LANDSCAPE ARCHITECT" are written along the bottom inner edge of the seal. To the right of the seal, the text "COPYRIGHT VDG. INC." is printed in a bold, sans-serif font. At the bottom of this section, the address "401 EAST 1700 SOUTH SALT LAKE CITY, UTAH 84115" is listed, followed by the phone number "(801) 484-2046" in a larger, bold font.

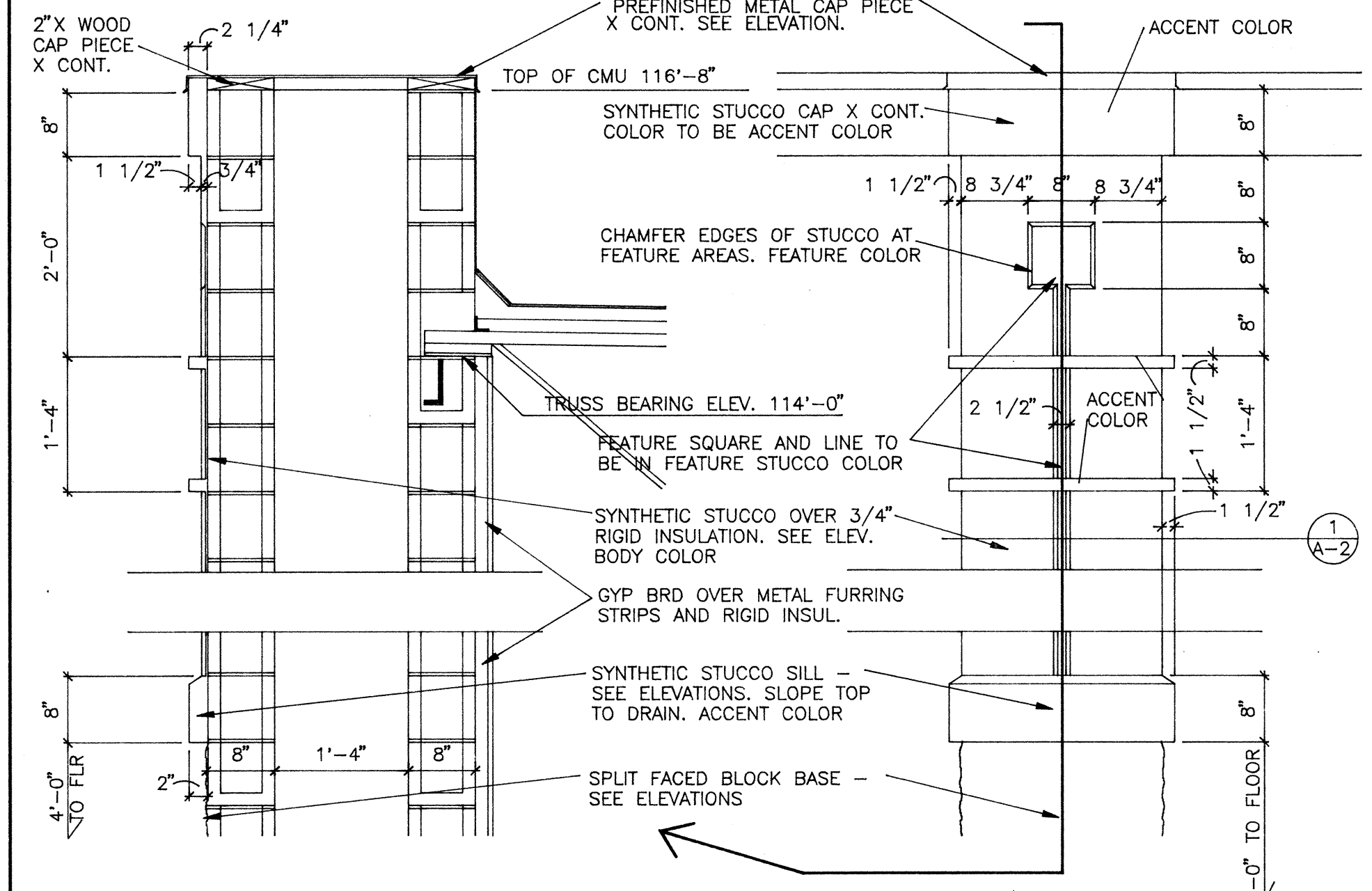
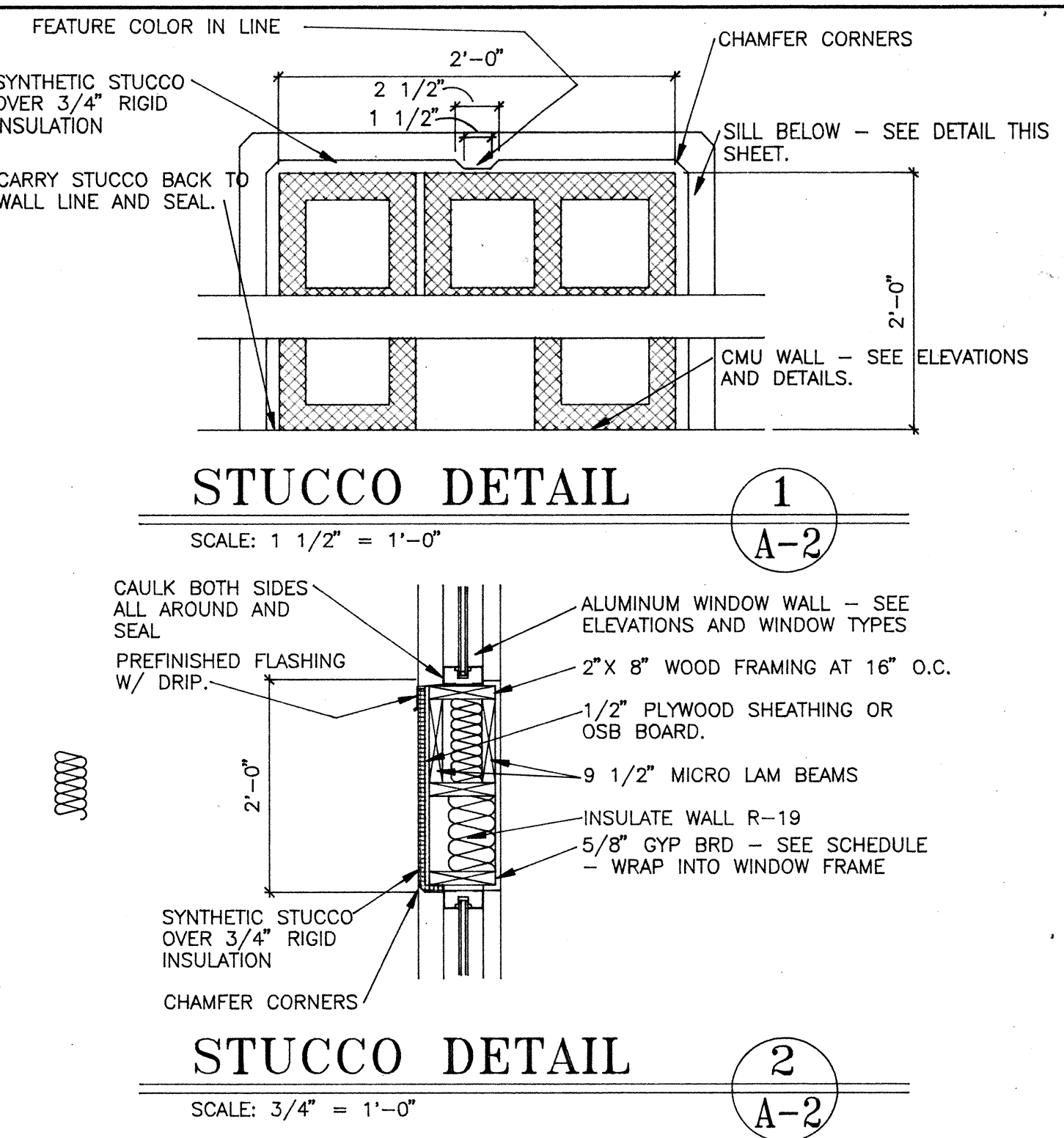
ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB97057
LIQUOR STORE #26
3905 WEST 5400 SOUTH
TAYLORSVILLE, UTAH

State Liquor Store #26, Taylorsville - AB:97-047
Landscape Planing Plan - 1212
00001QLS2



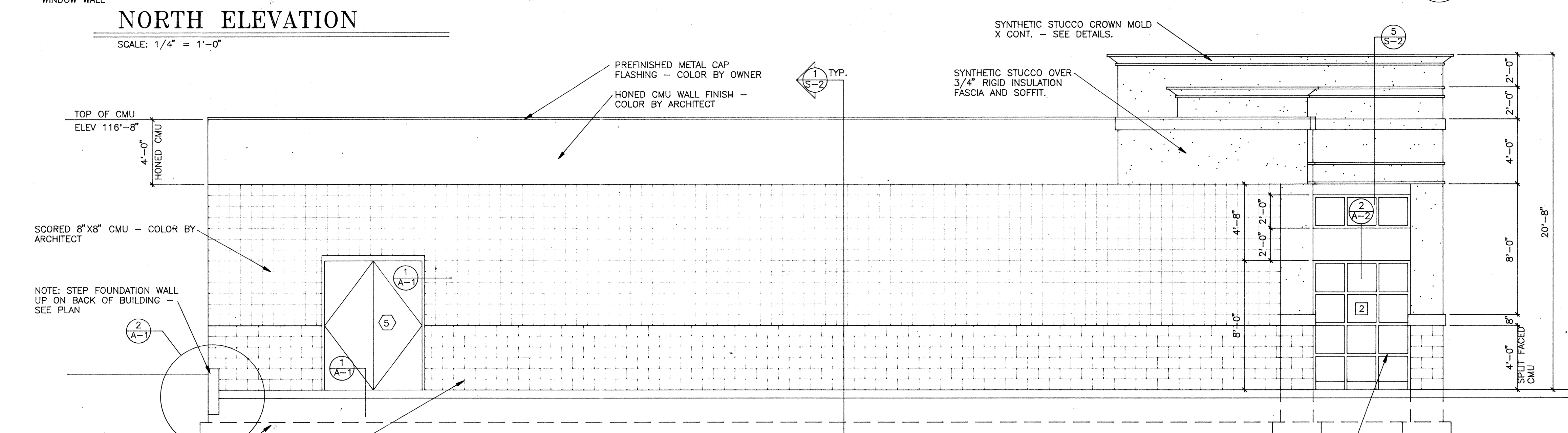
NORTH ELEVATION

SCALE: 1/4" = 1'-0"



STUCCO DETAIL 3

SCALE: 3/4" = 1'-0"

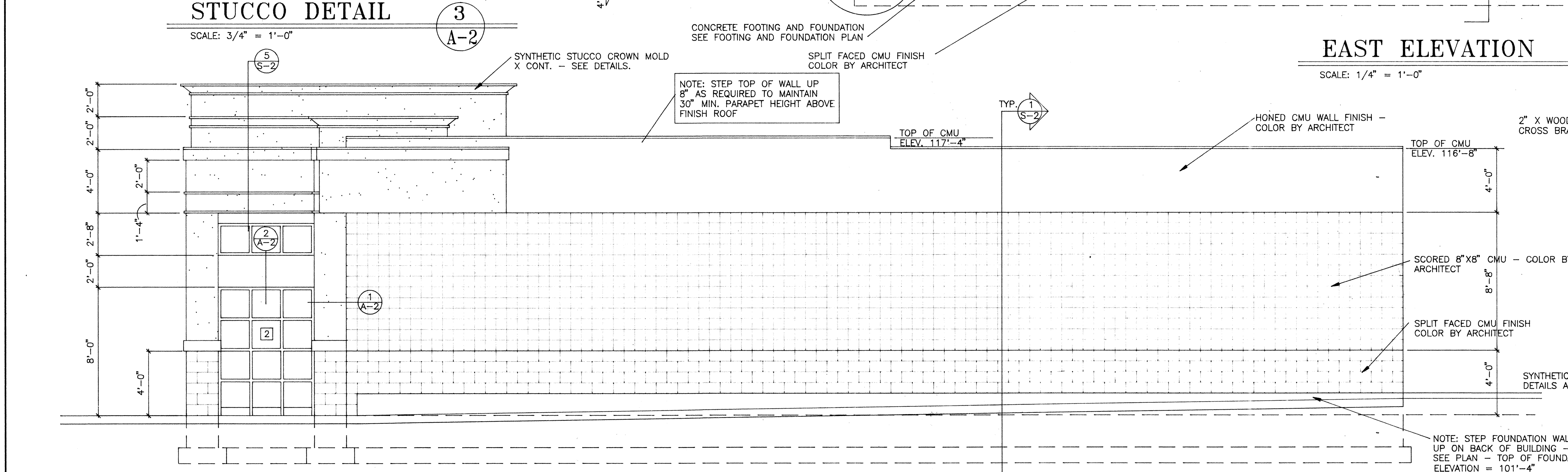


EAST ELEVATION

SCALE: 1/4" = 1'-0"

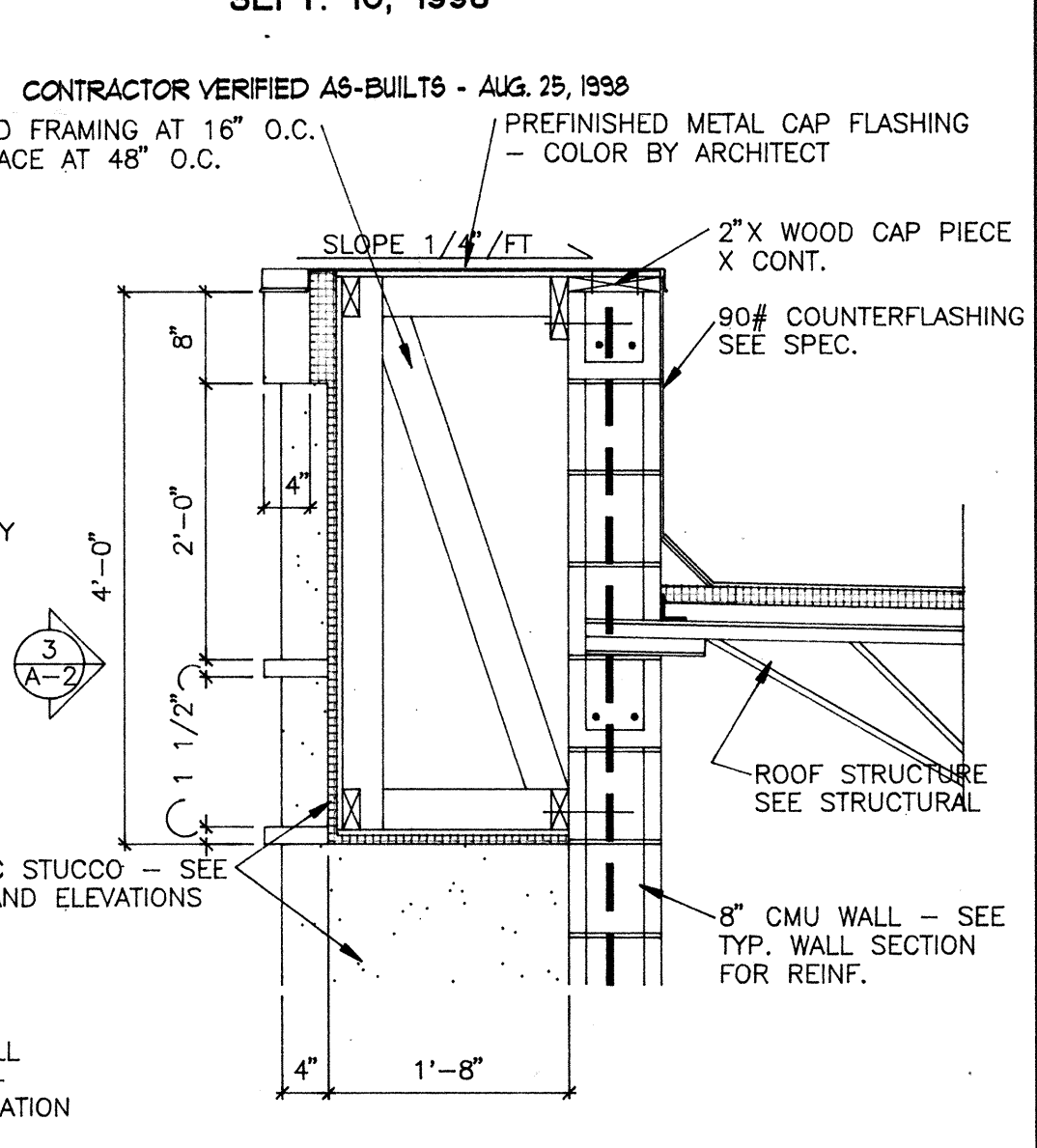
RECORD SET

REASONABLE LEVEL OF ACCURACY CAN BE EXPECTED, BUT NO WARRANTY OF 100% ACCURACY IS MADE OR IMPLIED
SEPT. 10, 1998



WEST ELEVATION

SCALE: 1/4" = 1'-0"



FASCIA DETAIL 4

SCALE: 1 1/2" = 1'-0"

VINCENT DESIGN GROUP

architects/planners

STATE OF UTAH

BRENT HURD VINCENT

2206

LICENSED ARCHITECT

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NEW BUILDING :

STATE LIQUOR STORE

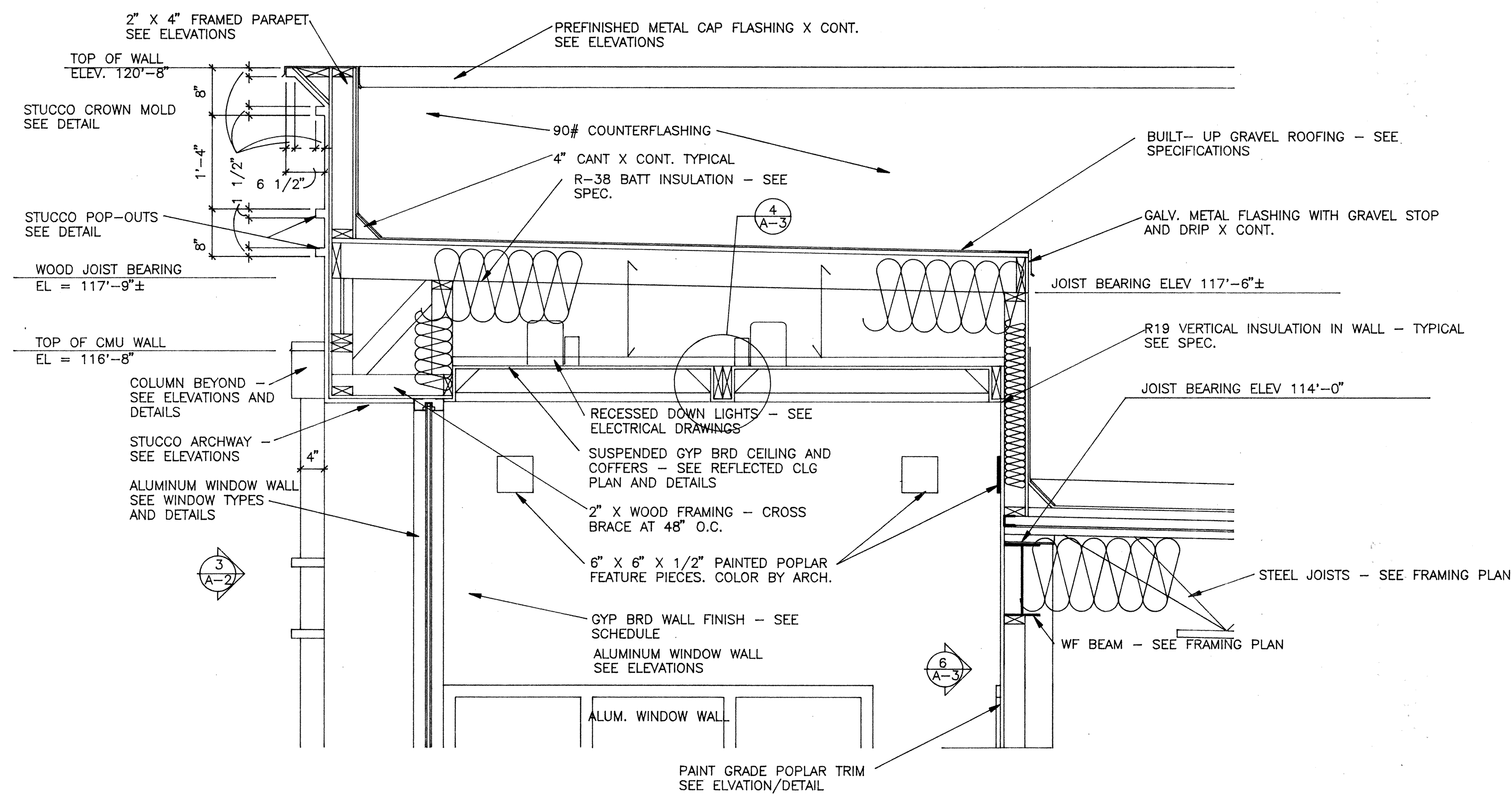
ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB97047
3900 WEST 5400 SOUTH
TAYLORSVILLE, UTAH

ELEVATIONS AND DETAILS

DATE JULY 31, 1997	SHEET
FILE NO. 97-30	A — 2
DRAWN BY TJP	
CHECKED BY JV	
	SHEET OF SHEETS

State Liquor Store #208, Taylorsville - AB97-047

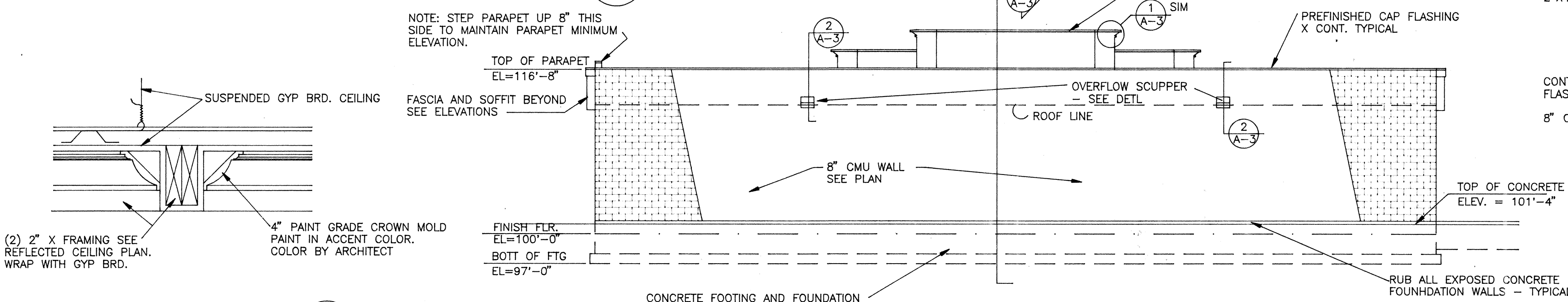
State Liquor Store #25, Taylorsville - AB97047
Elevations & Details - 12/14
00001Q42



PARAPET DETAIL

SCALE : 3/4" = 1'-0"

1
A-3



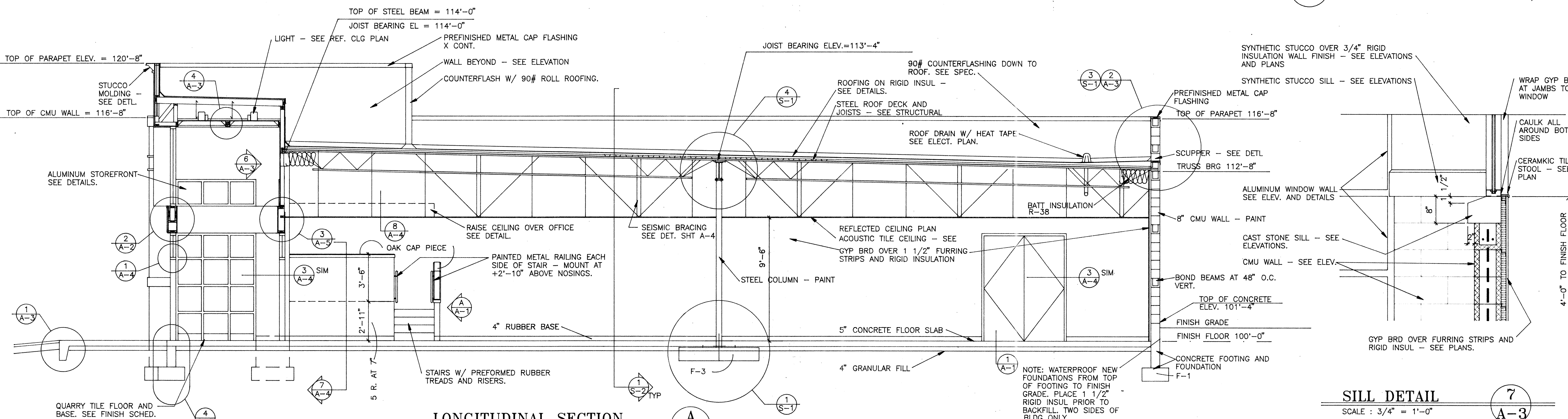
CROWN DETAIL

SCALE : 1 1/2" = 1'-0"

4
A-3

SOUTH ELEVATION

SCALE: 1/8" = 1'-0"



LONGITUDINAL SECTION

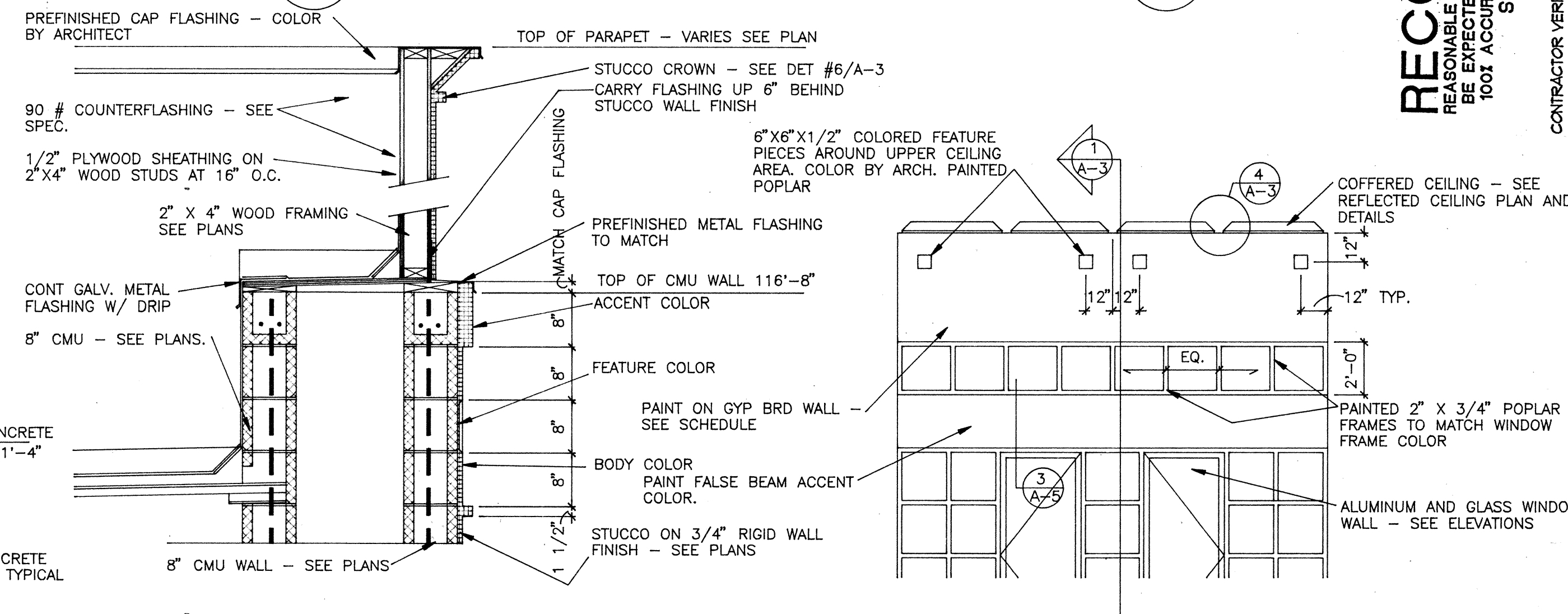
SCALE : 1/4" = 1'-0"

A
A-3

PARAPET DETAIL

SCALE : 3/4" = 1'-0"

2
A-3



CROWN DETAIL

SCALE : 3/4" = 1'-0"

5
A-3

DETAIL

SCALE : 3/4" = 1'-0"

3
A-3

DETAIL

SCALE : 1/4" = 1'-0"

6
A-3

SILL DETAIL

SCALE : 3/4" = 1'-0"

7
A-3

RECORD SET
REASONABLE LEVEL OF ACCURACY CAN BE EXPECTED BUT NO WARRANTY OF 100% ACCURACY IS MADE OR IMPLIED
SEPT. 10, 1998
CONTRACTOR VERIFIED AS-BUILTS - AUG. 25, 1998

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BRENT HURD VINCENT
2208
LICENSED ARCHITECT

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NEW BUILDING :

STATE LIQUOR STORE

ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB97047
3905 WEST 5400 SOUTH
SALT LAKE CITY, UTAH

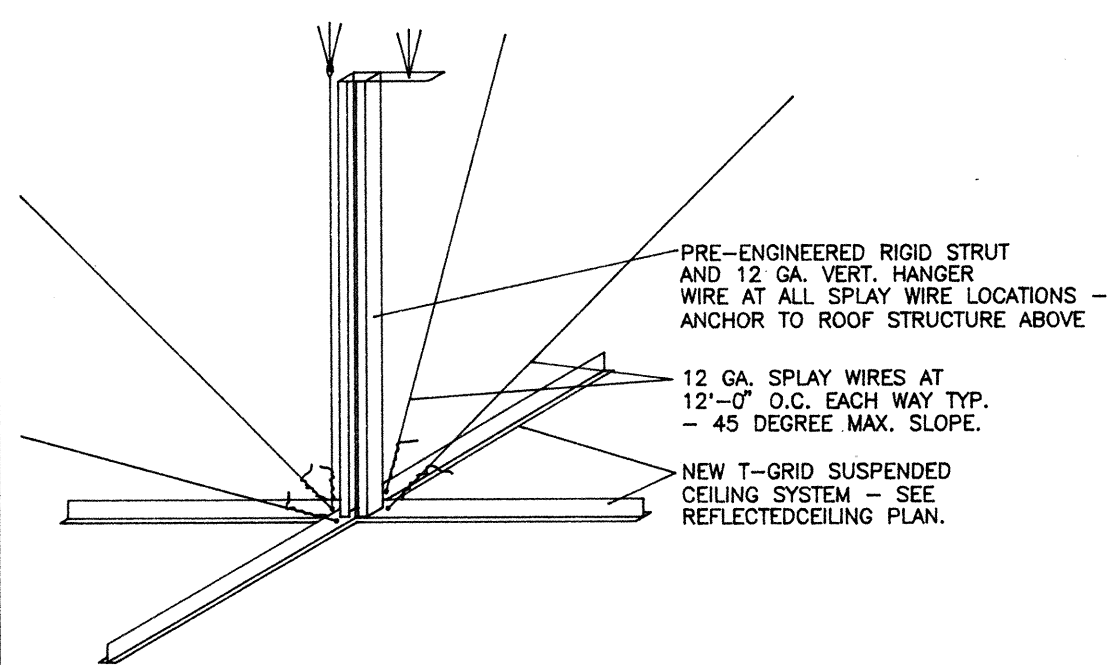
BUILDING SECTION, SOUTH ELEVATION, AND DETAILS

DATE JULY 31, 1997	SHEET
FILE NO. 97-30	A-3
DRAWN BY TJP	
CHECKED BY JV	
SHEET OF SHEETS	

State Liquor Store #28, Taylorsville - AB-97-047
Building Section, South Elevation, & Details - 1215
00001QA3

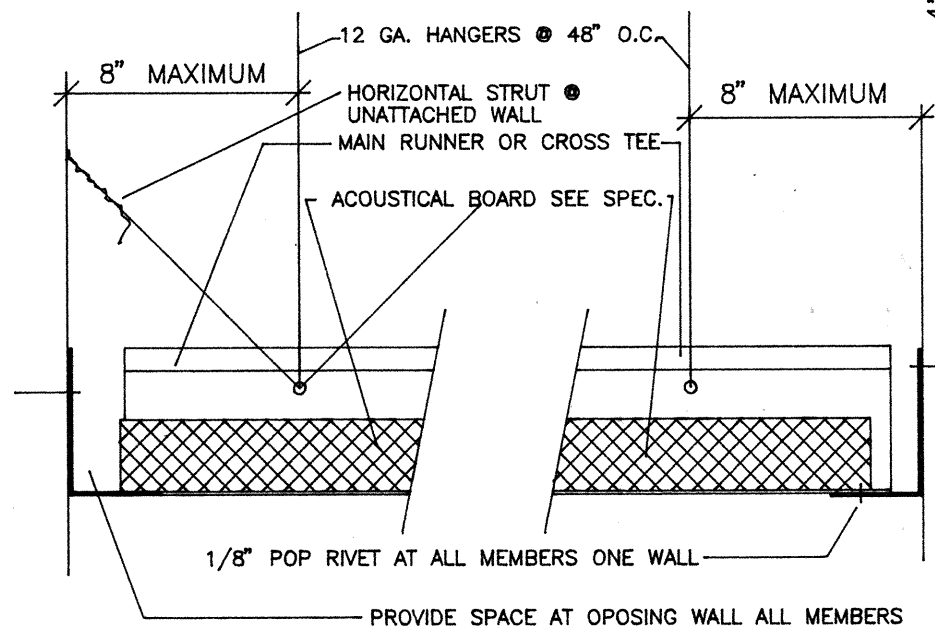
FINISH SCHEDULE												
ROOM NO.	ROOM NAME	FLOOR				BASE		WALLS		CEILING		REMARKS
		QUART. TILE	WALL TYP. TILE	SPOT COAT UNCOAT.	4" RUBBER	QUART. TILE	CEMENT TILE	QUART. TILE	PAINT ON CP. BRD.	PAINT ON CP. BRD.	CEILING HEIGHT	
101	VESTIBULE										16'-0"	
102	OFFICE										7'-7"	* CEILING HEIGHT IS ABOVE OFFICE PLATFORM.
103	SALES AREA										9'-6"	
104	STOCK AREA										9'-6"	
105	STOCK AREA										9'-6"	
106	WOMEN										8'-0"	PROVIDE 4" FIBERGLASS SOUND INSUL. IN STUD WALLS & CEILING.
107	MEN										8'-0"	PROVIDE 4" FIBERGLASS SOUND INSUL. IN STUD WALLS & CEILING.
108	JANITOR										9'-6"	CER. TILE WAINSCOT ON WALLS AROUND SINK ONLY TO +4'-0" AFF.
109	STOCK AREA										9'-6"	

DOOR SCHEDULE									
MARK	DOOR SIZE	ASSEMBLY		DETAIL		MATERIAL		DOOR TYPE	REMARKS
		SINGLE	PAIR	HEAD	JAMB	DOOR	FRAME		
①	3'-0" x 7'-0" x 1 3/4"			1	3 SIM	ALUM	ALUM	A	H-1 PROVIDE WEATHERSTRIP & THRESHOLD
②	3'-0" x 7'-0" x 1 3/4"			1	3 SIM	ALUM	ALUM	A	H-2 PROVIDE WEATHERSTRIP
③	3'-0" x 7'-0" x 1 3/4"			1	3 SIM	ALUM	ALUM	A	H-2 PROVIDE WEATHERSTRIP
④	3'-0" x 7'-0" x 1 3/4"			1	3 SIM	ALUM	ALUM	A	H-1 PROVIDE WEATHERSTRIP & THRESHOLD
⑤	3'-0" x 8'-0" x 1 3/4"			1	3 SIM	HOL MTL	HOL MTL	C	H-3 PROVIDE WEATHERSTRIP & THRESHOLD
⑥	3'-0" x 7'-0" x 1 3/4"			1	3 SIM	SC OAK	HOL MTL	B	H-4 PROVIDE MARBLE THRESHOLD 1/2" MAX HEIGHT
⑦	3'-0" x 7'-0" x 1 3/4"			1	3 SIM	SC OAK	HOL MTL	B	H-4 PROVIDE MARBLE THRESHOLD 1/2" MAX HEIGHT
⑧	3'-0" x 7'-0" x 1 3/4"			1	3 SIM	SC OAK	HOL MTL	B	H-5 45 MIN. RATED DOOR & FRAME



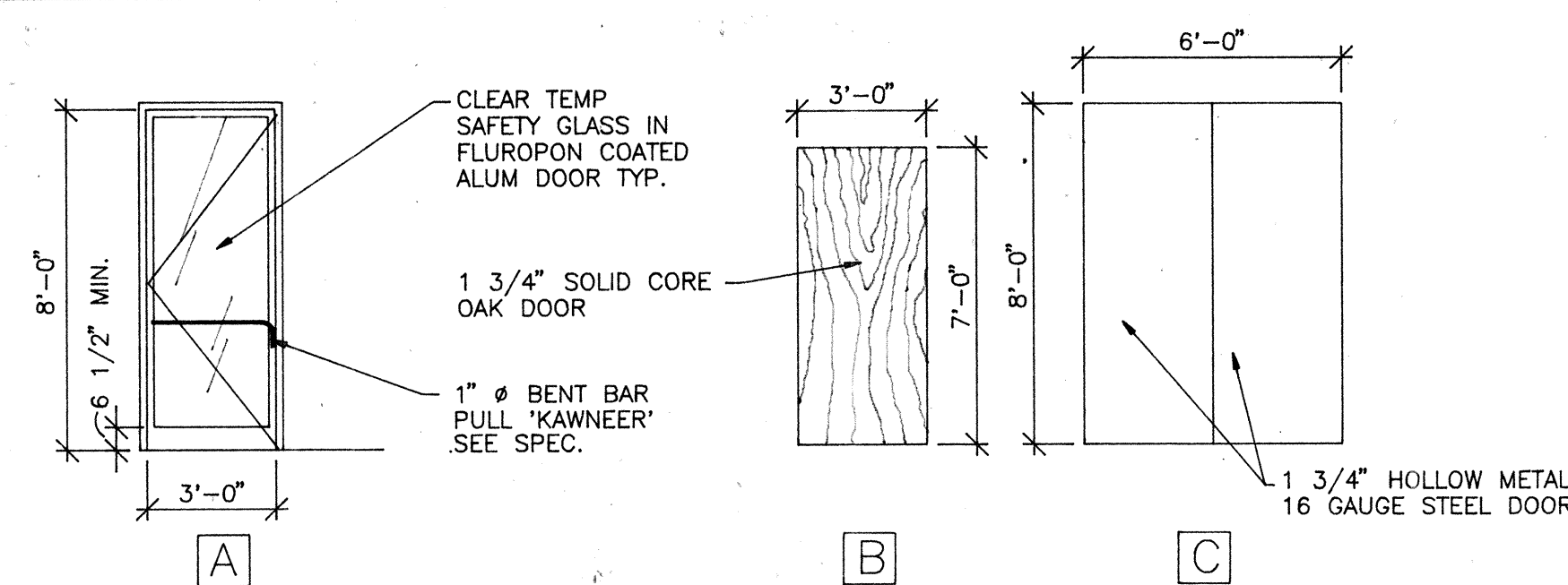
SEISMIC BRACING DETAIL

SCALE : ISOMETRIC/NONE



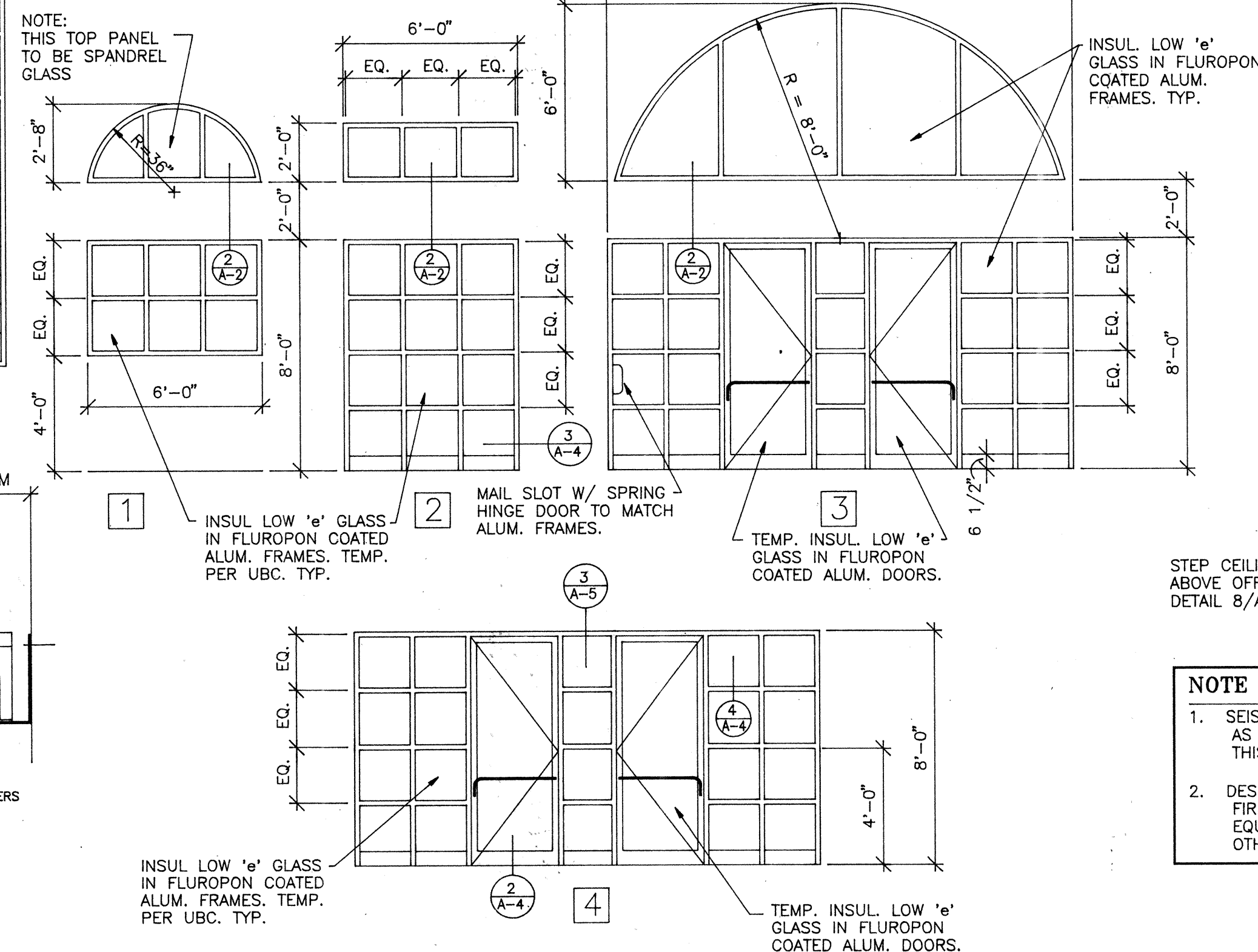
SEISMIC BRACING DETAIL

SCALE : NOT TO SCALE



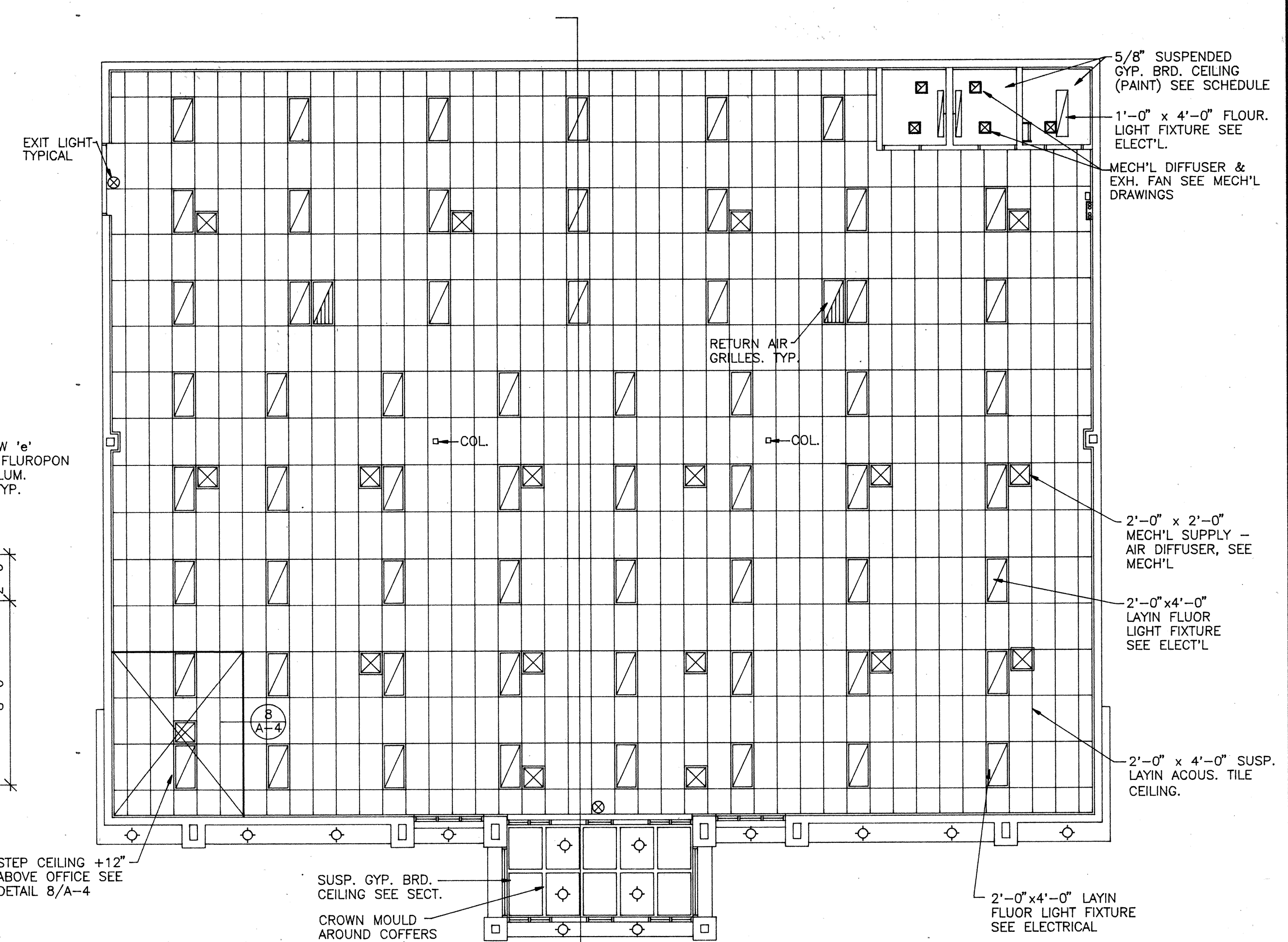
DOOR TYPES

SCALE: 1/4" = 1'-0"



WINDOW TYPES

SCALE: 1/4" = 1'-0"



REFLECTED CEILING PLAN

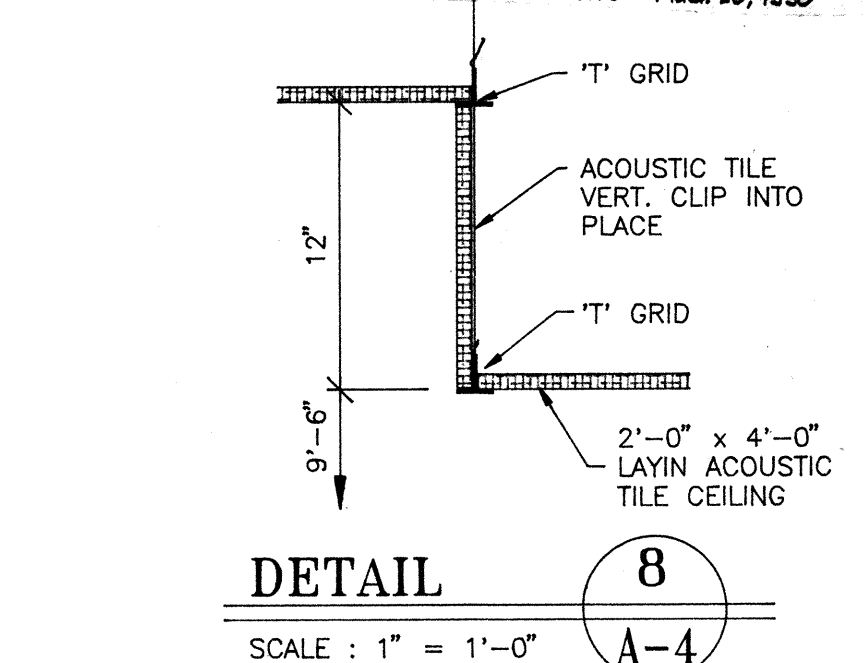
SCALE: 1/8" = 1'-0"

NOTE :
1. SEISMIC BRACE LAYIN CEILING AS PER U.B.C. SEE DETAIL THIS SHEET.
2. DESIGN BUILD & COORDINATE FIRE SPRINKLER HEADS AND EQUIPMENT WITH PLANS AND OTHER TRADES

RECORD SET
REASONABLE LEVEL OF ACCURACY CAN BE EXPECTED, BUT NO WARRANTY OF 100% ACCURACY IS MADE OR IMPLIED
SEPT. 10, 1998

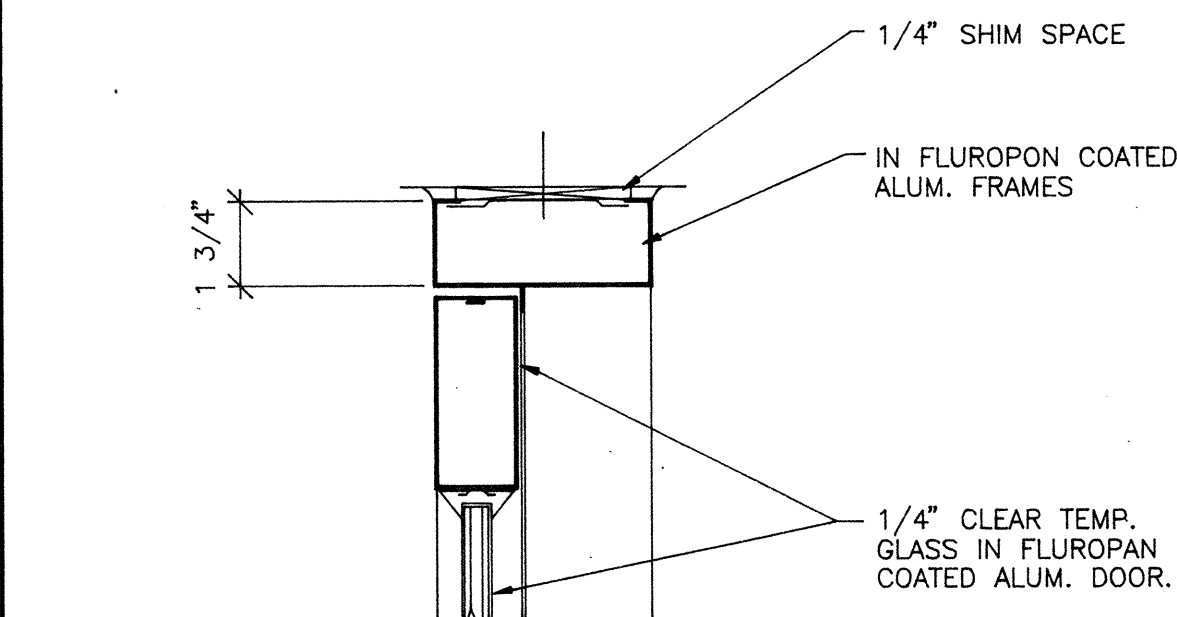
RECORD SET
REASONABLE LEVEL OF ACCURACY CAN BE EXPECTED, BUT NO WARRANTY OF 100% ACCURACY IS MADE OR IMPLIED
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CONTRACTOR VERIFIED AS-BUILTS - AUG. 25, 1998



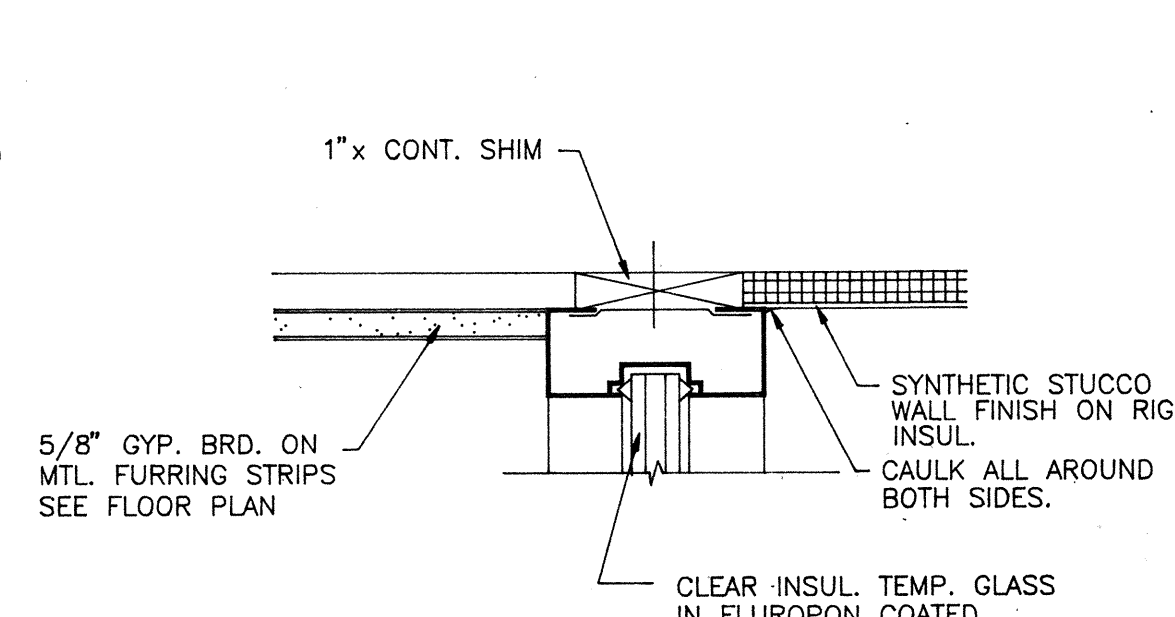
DETAIL 8

SCALE : 1" = 1'-0"



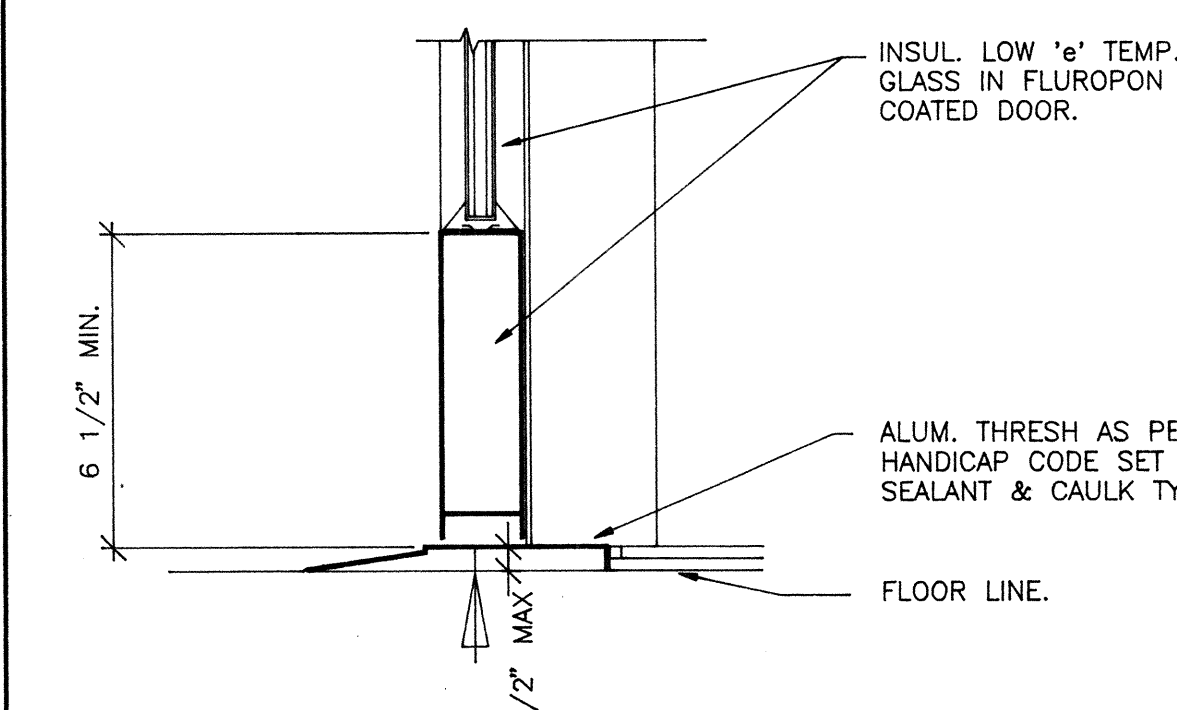
DETAIL 1

SCALE : 3" = 1'-0"



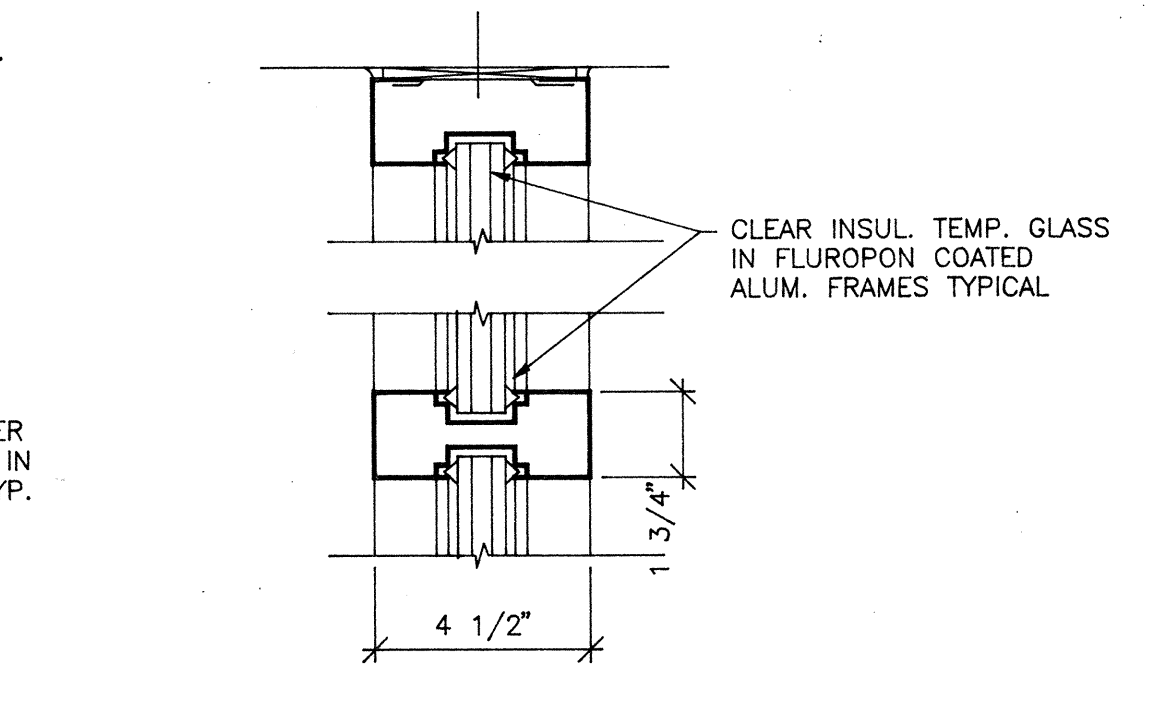
DETAIL 3

SCALE : 3" = 1'-0"



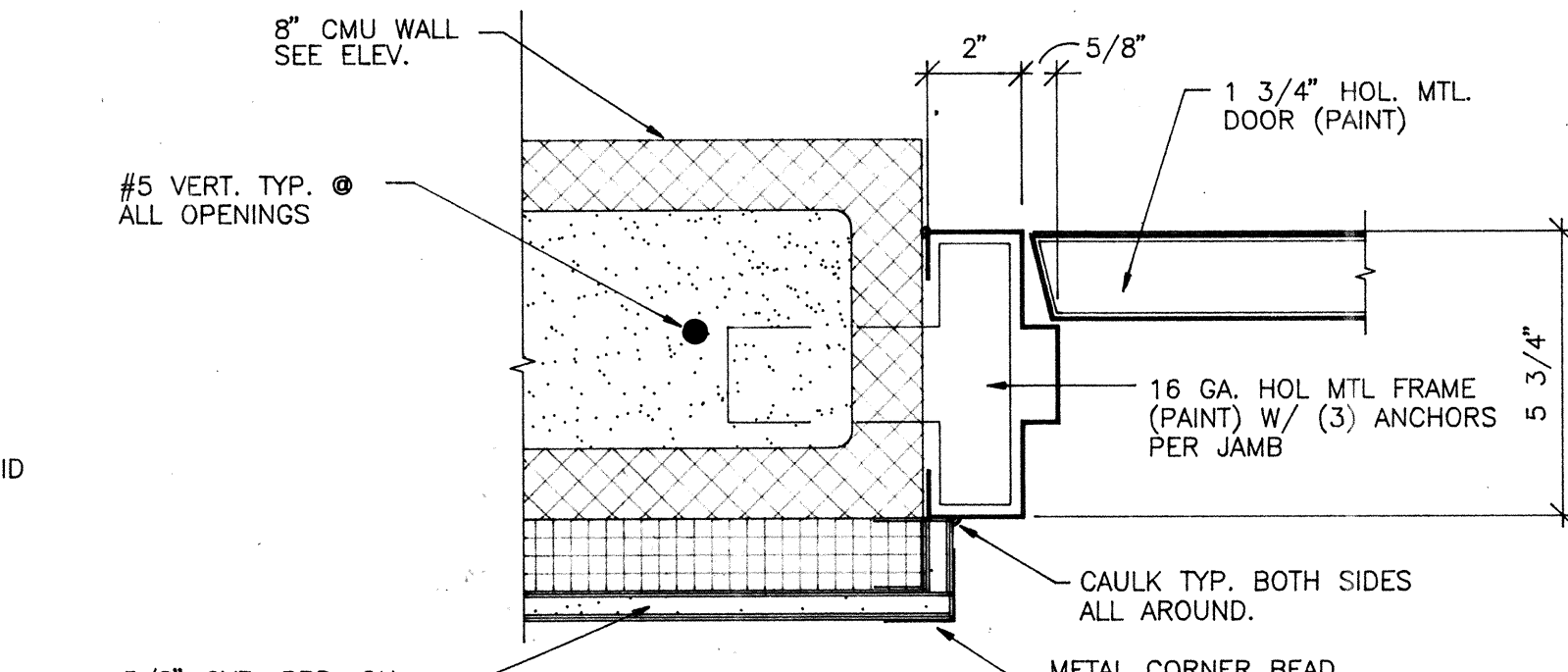
DETAIL 2

SCALE : 3" = 1'-0"



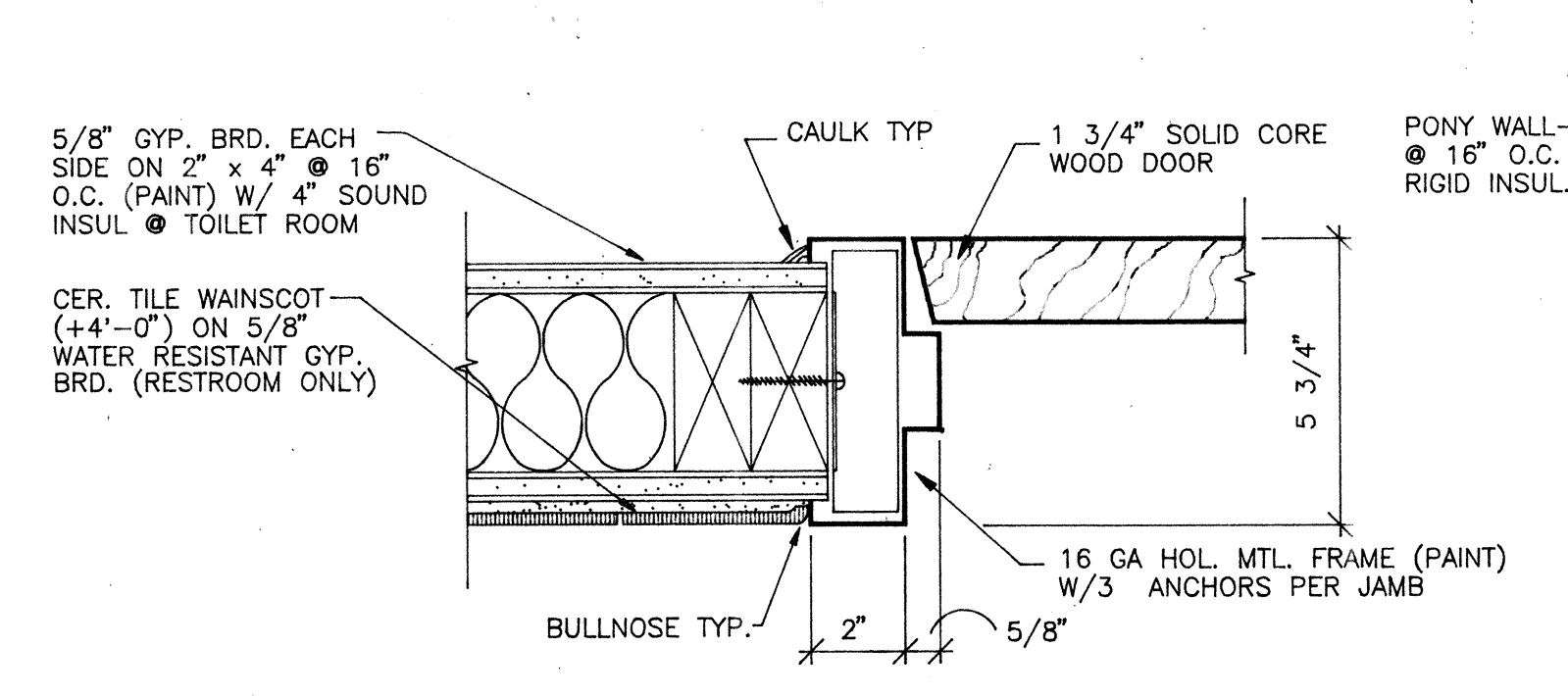
DETAIL 4

SCALE : 3" = 1'-0"



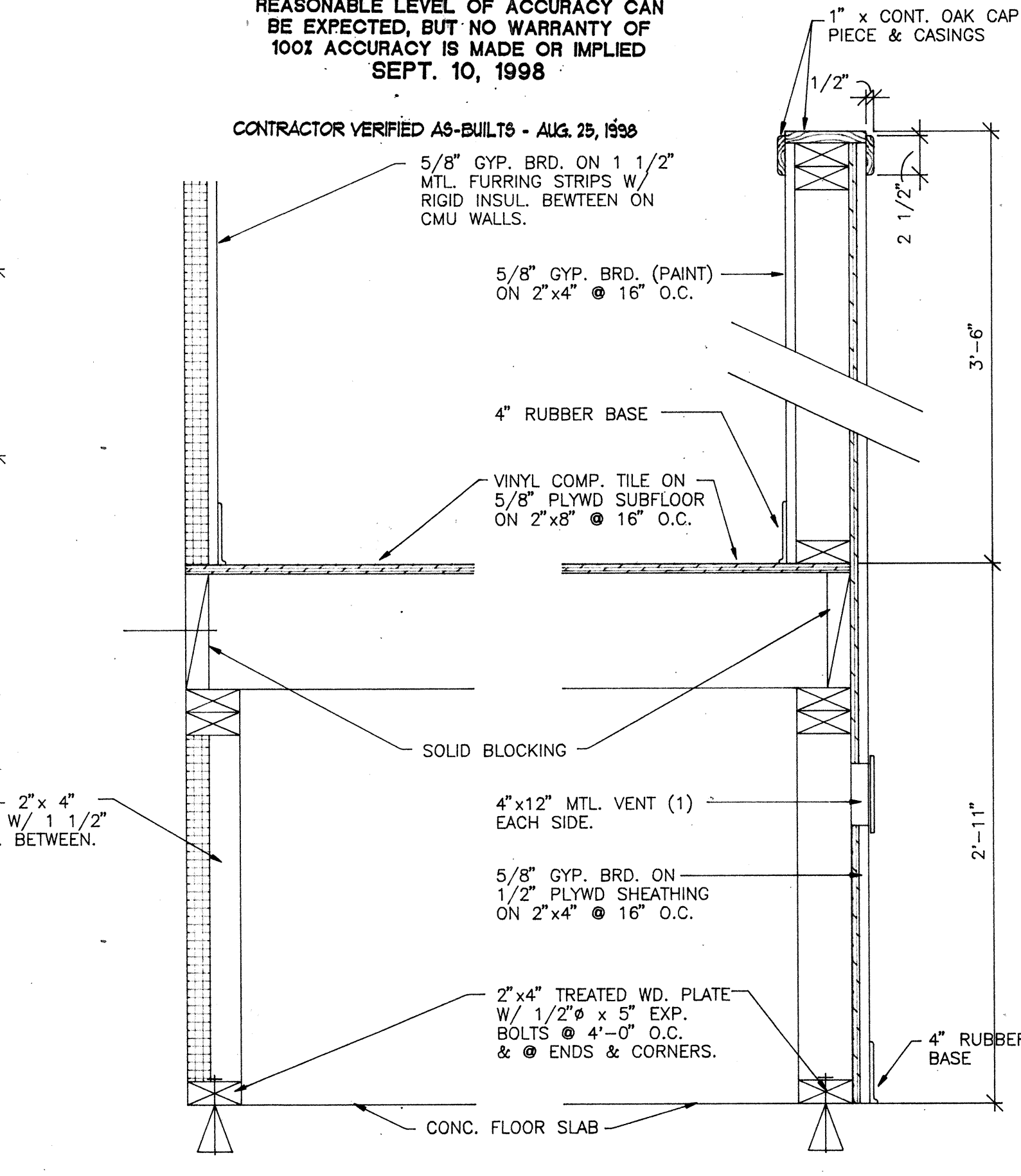
DETAIL 5

SCALE : 3" = 1'-0"



DETAIL 6

SCALE : 3" = 1'-0"



DETAIL 7

SCALE : 1 1/2" = 1'-0"

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2200
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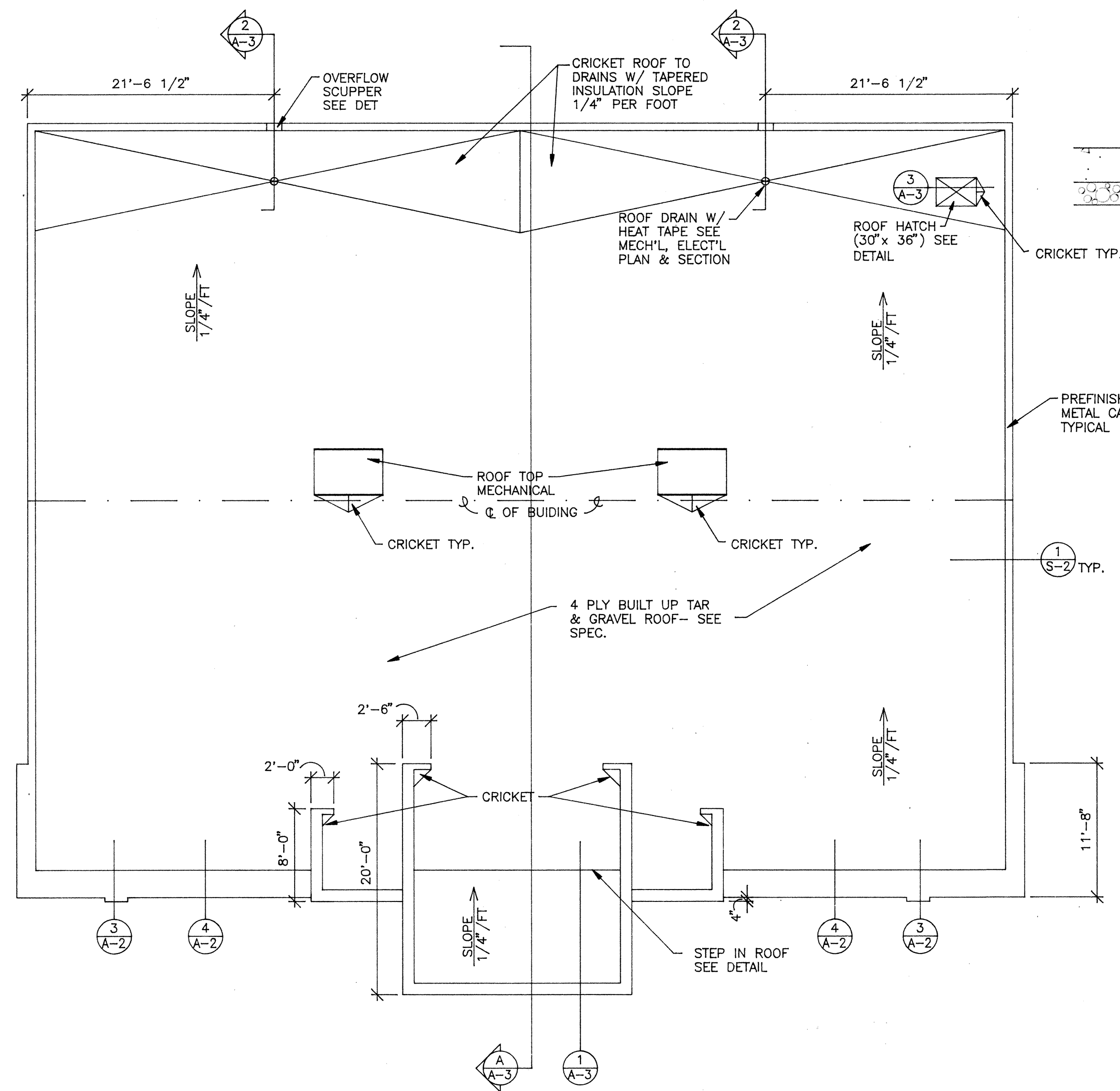
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SALT LAKE CITY, UTAH
84115 (801) 484-2046

NEW BUILDING :
STATE LIQUOR STORE
TAYLORSVILLE LIQUOR STORE
ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB97047
LIQUOR STORE #26
3905 WEST 5400 SOUTH
TAYLORSVILLE, UTAH
FINISH & DOOR SCHED. REFLECTED CLG. PLAN & DETAILS

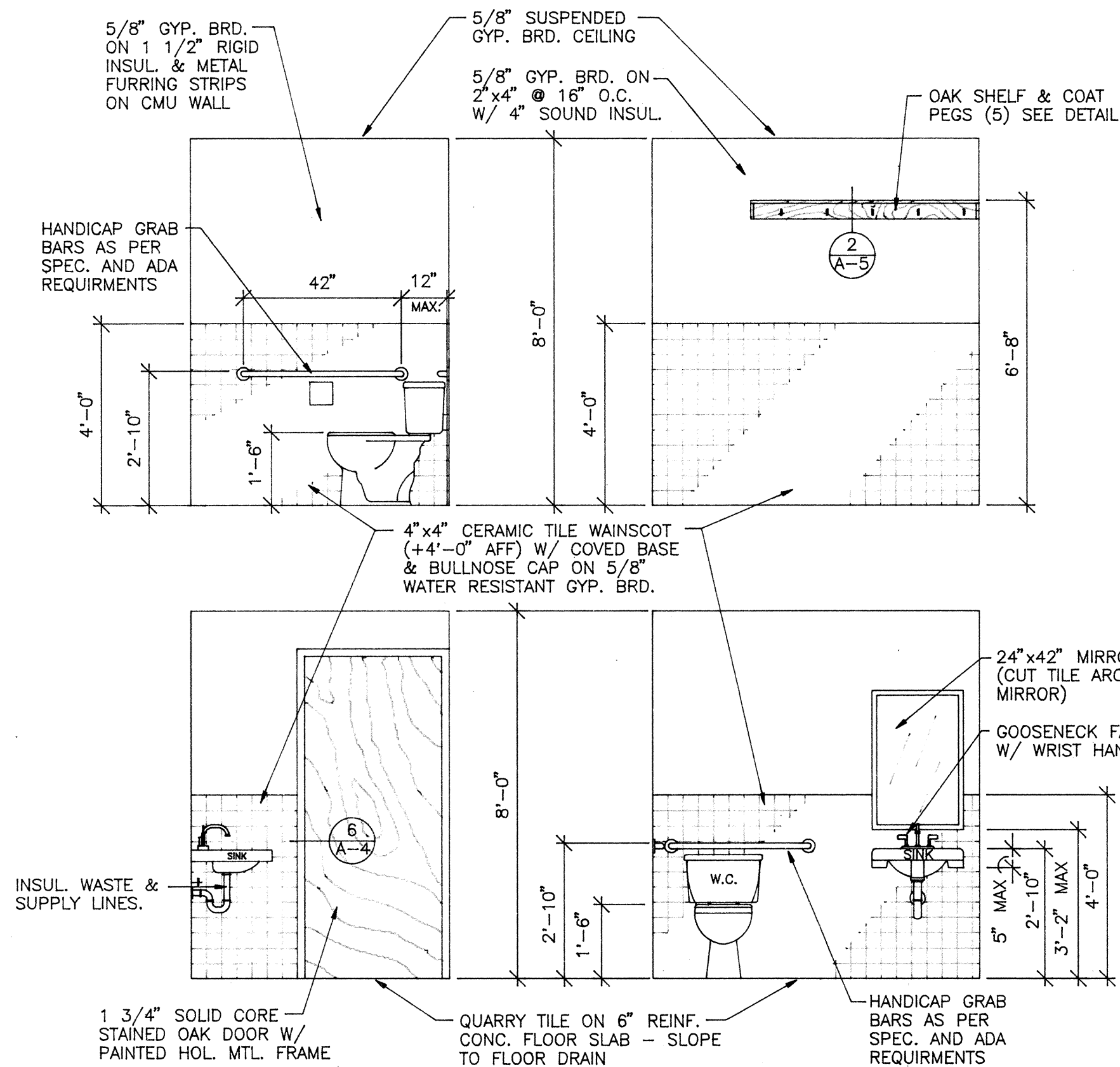
DATE JULY 31, 1997	SHEET
FILE NO. 97-30	A-4
DRAWN BY TJP	
CHECKED BY JV	
	SHEET OF SHEETS

State Liquor Store #26, Taylorsville - AB-97-047
Finish & Door Schedules, Reflected Ceiling Plan & Details -
1216
00001QA4



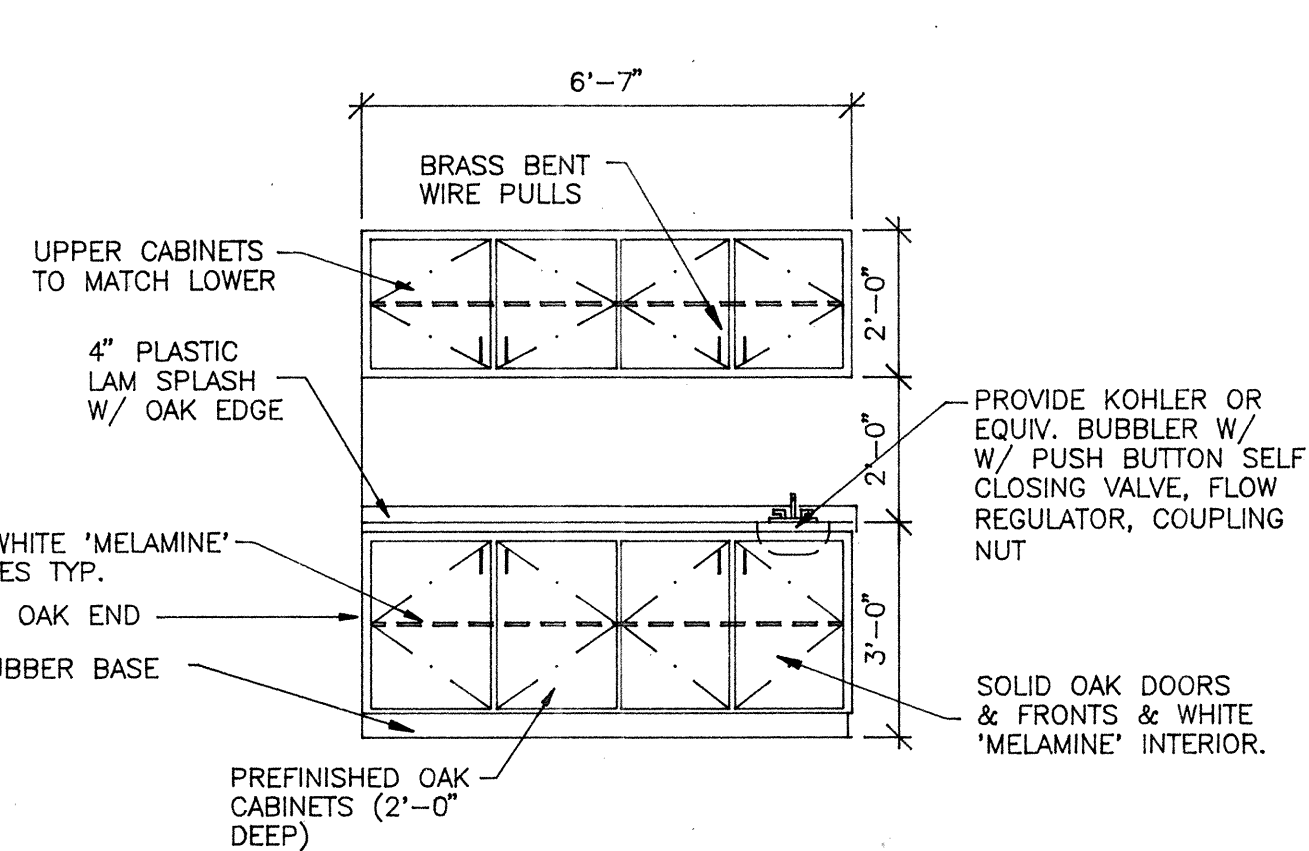
ROOF PLAN

SCALE: 1/8" = 1'-0"



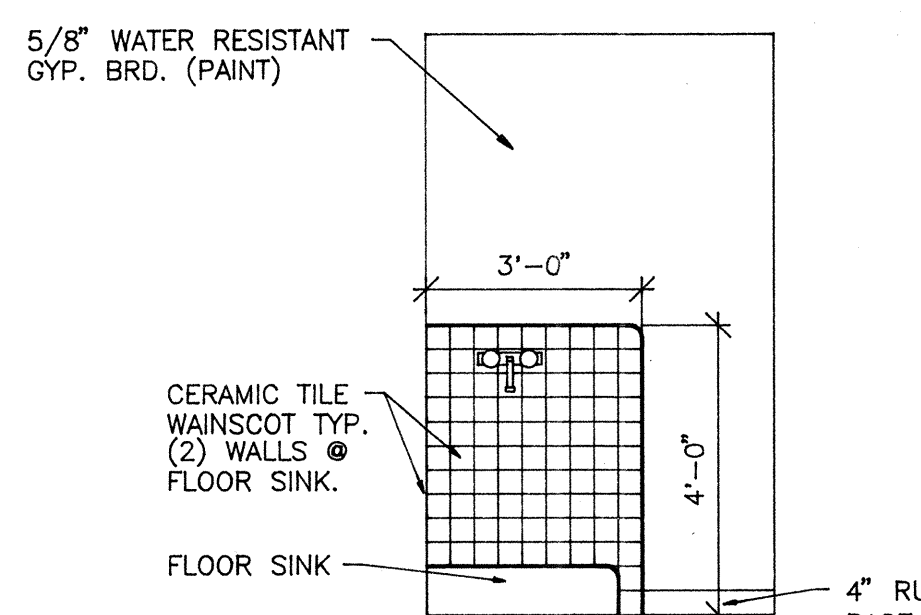
TOILET ROOM ELEVATIONS

SCALE: 3/8" = 1'-0"



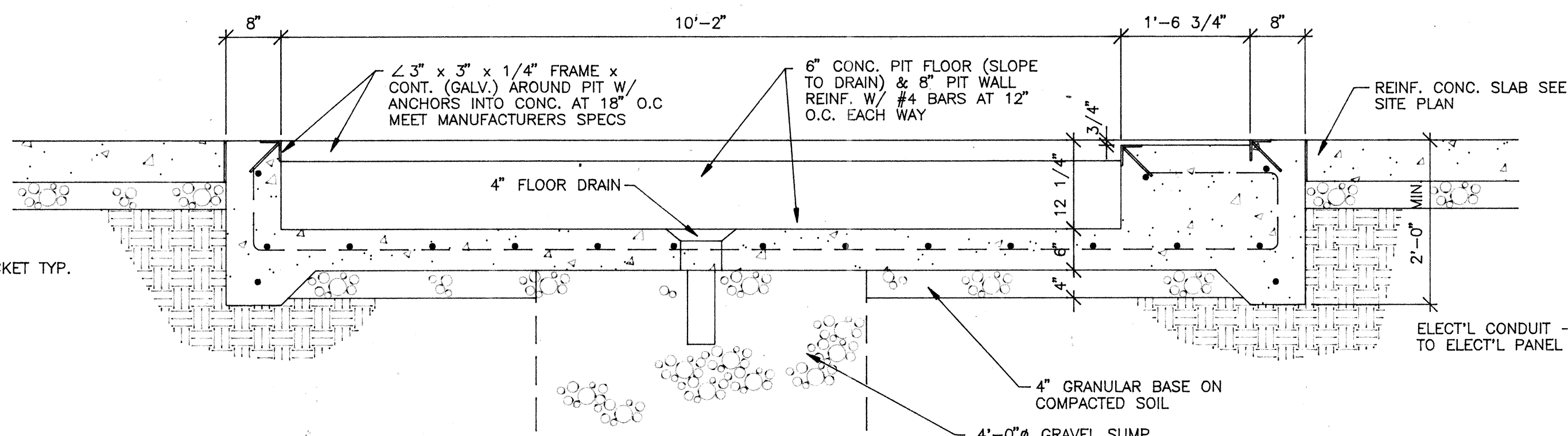
ELEVATION B

SCALE: 3/8" = 1'-0"



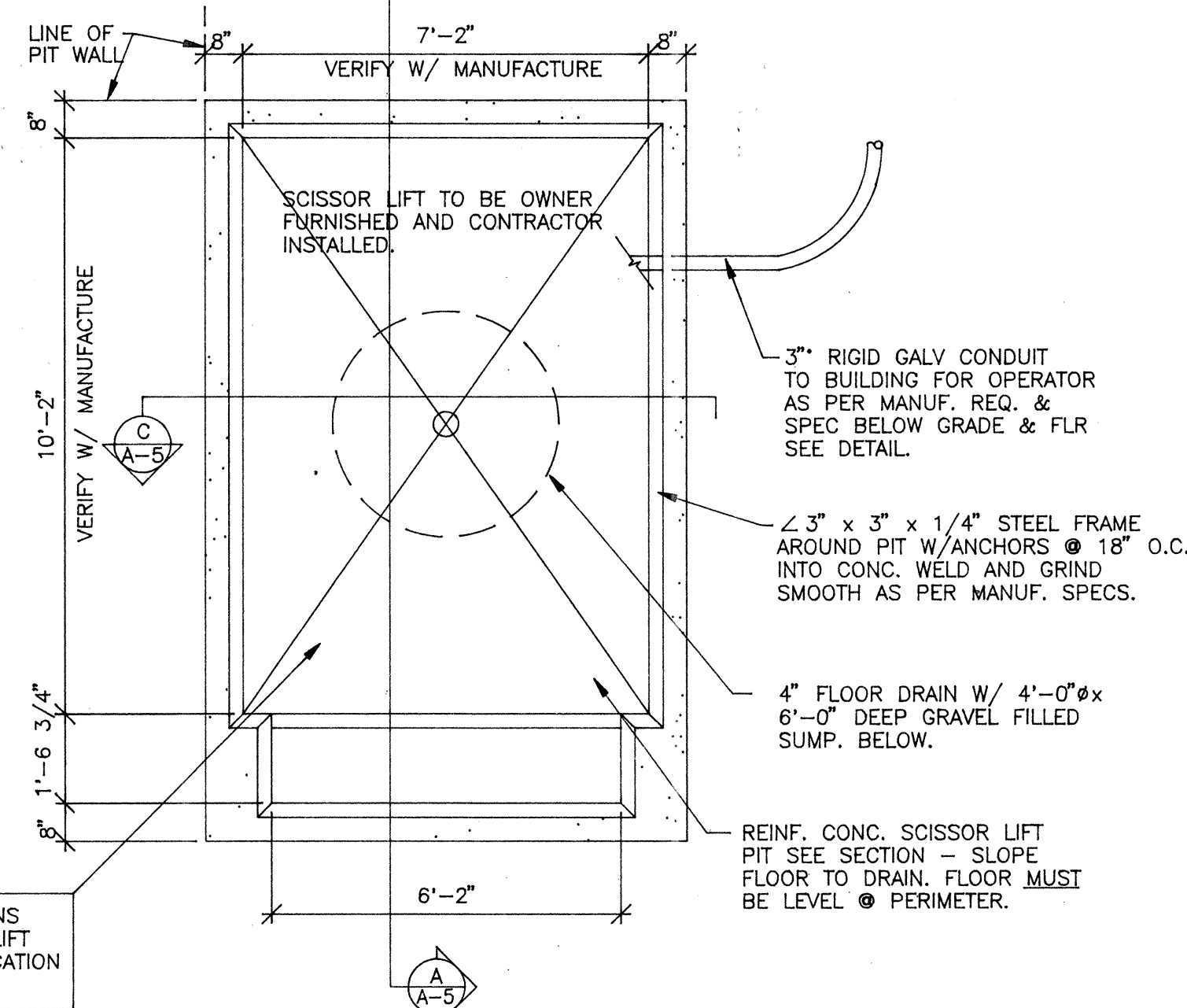
FLOOR SINK ELEVATION

SCALE: 3/8" = 1'-0"



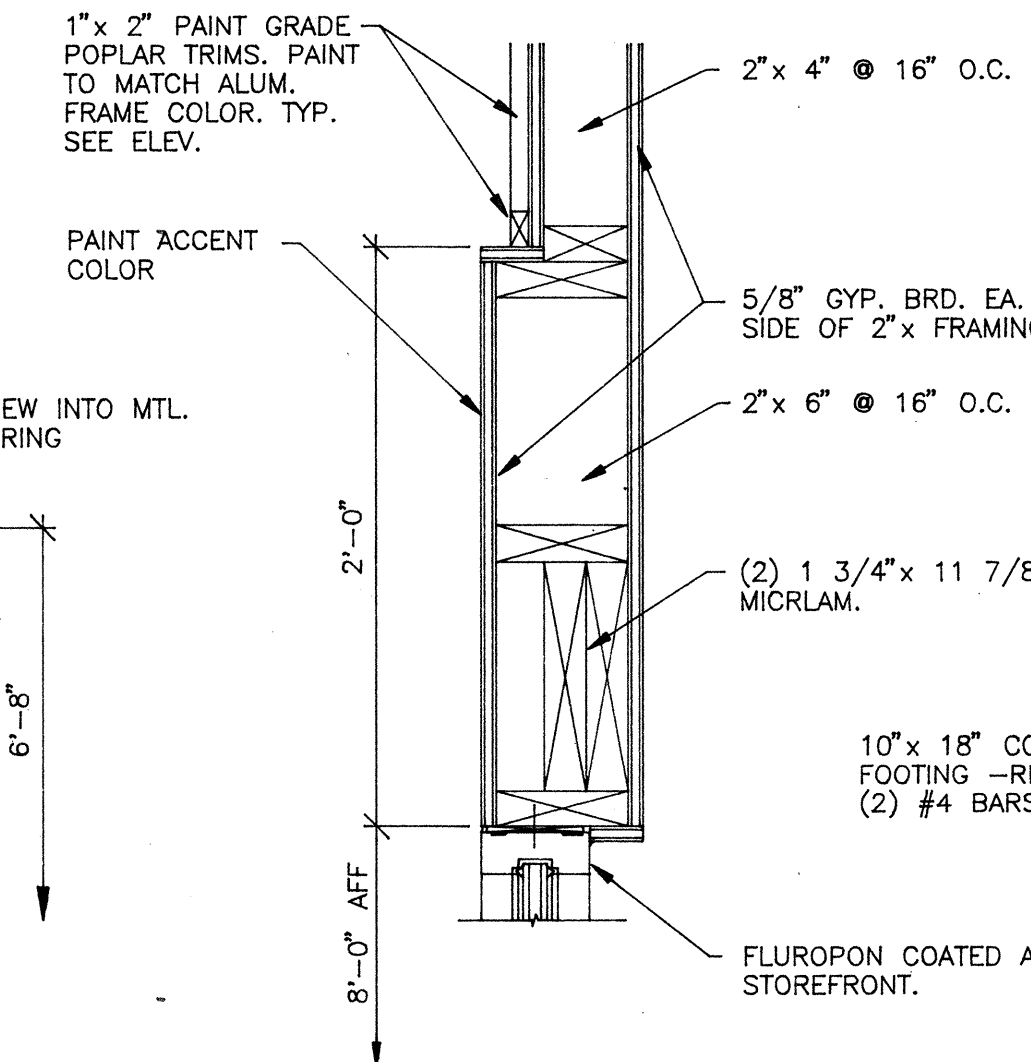
PIT SECTION A

SCALE: 3/4" = 1'-0"



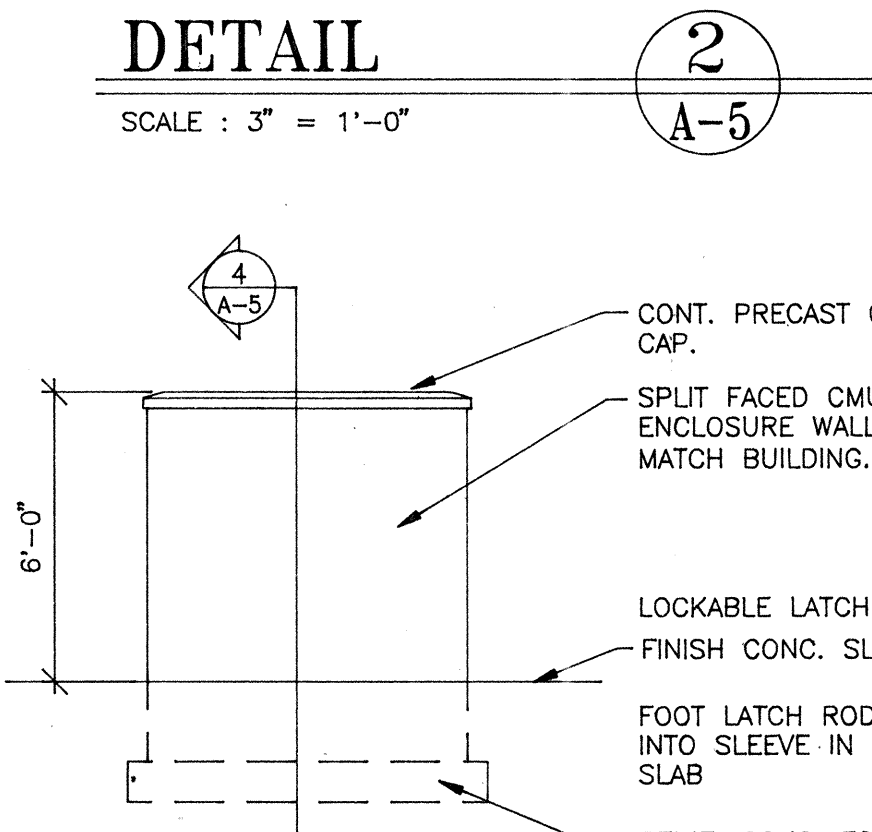
PLAN VIEW

SCALE: 3/8" = 1'-0"



DETAIL 3

SCALE: 1 1/2" = 1'-0"

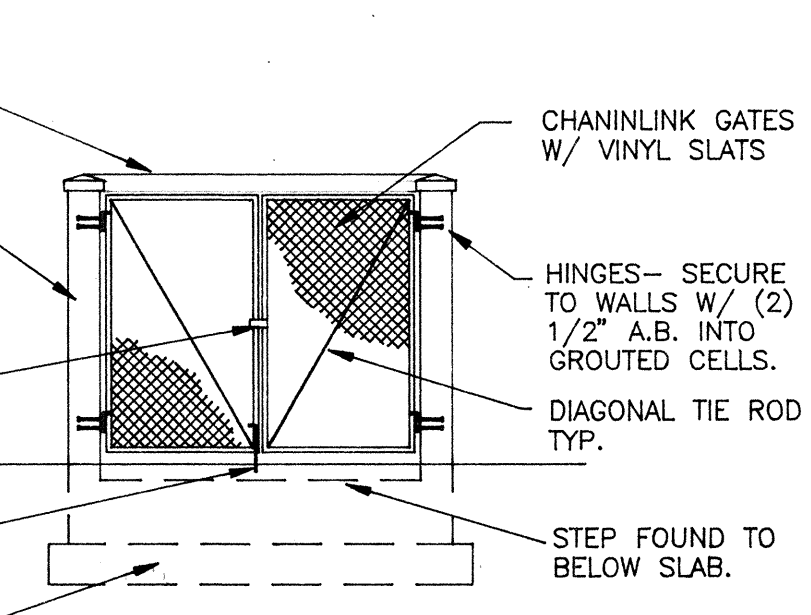


DETAIL 2

SCALE: 3" = 1'-0"

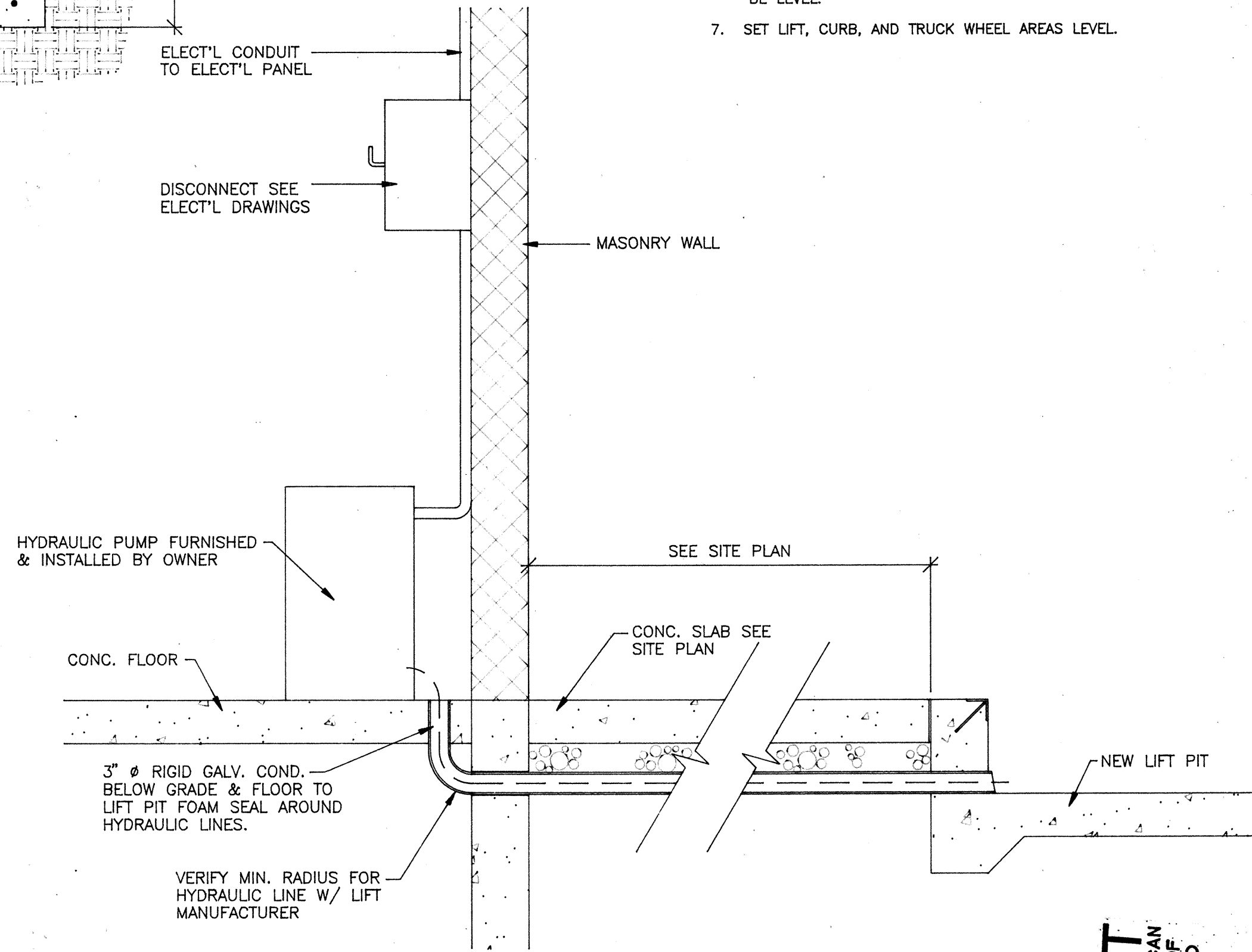
TRASH ENCLOSURE ELEVATIONS

SCALE: 1/4" = 1'-0"



DETAIL 4

SCALE: 3/4" = 1'-0"



DETAIL 1

SCALE: NONE

CONSTRUCTION NOTES :

1. CONTRACTOR IS TO VERIFY SITE CONDITIONS PRIOR TO BID.
2. CONTRACTOR IS TO VERIFY ALL DIMENSIONS & CONDITIONS OF SCISSOR LIFT & MANUFACTURER SPECIFICATIONS.
3. CONTRACTOR IS TO PROVIDE NECESSARY ELECTRICAL REQUIREMENTS & CONNECTIONS FOR SCISSOR LIFT - MEET MANUF. SPECIFICATIONS. SEE ELECTRICAL NOTES.
4. SCISSOR LIFT IS TO BE FURNISHED & INSTALLED BY OWNER.
5. CONTRACTOR IS TO PROVIDE & INSTALL NEW WELDED STEEL FRAME AROUND PIT, WHICH MUST MEET MANUFACTURERS SPECIFICATIONS - SEE DRAWINGS.
6. PIT CURB & PIT FLOOR AT BEARING POINTS OF LIFT MUST BE LEVEL.
7. SET LIFT, CURB, AND TRUCK WHEEL AREAS LEVEL.

RECORD SET
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SEPT. 10, 1998
CONTRACTOR VERIFIED AS-BUILTS - AUG. 25, 1998

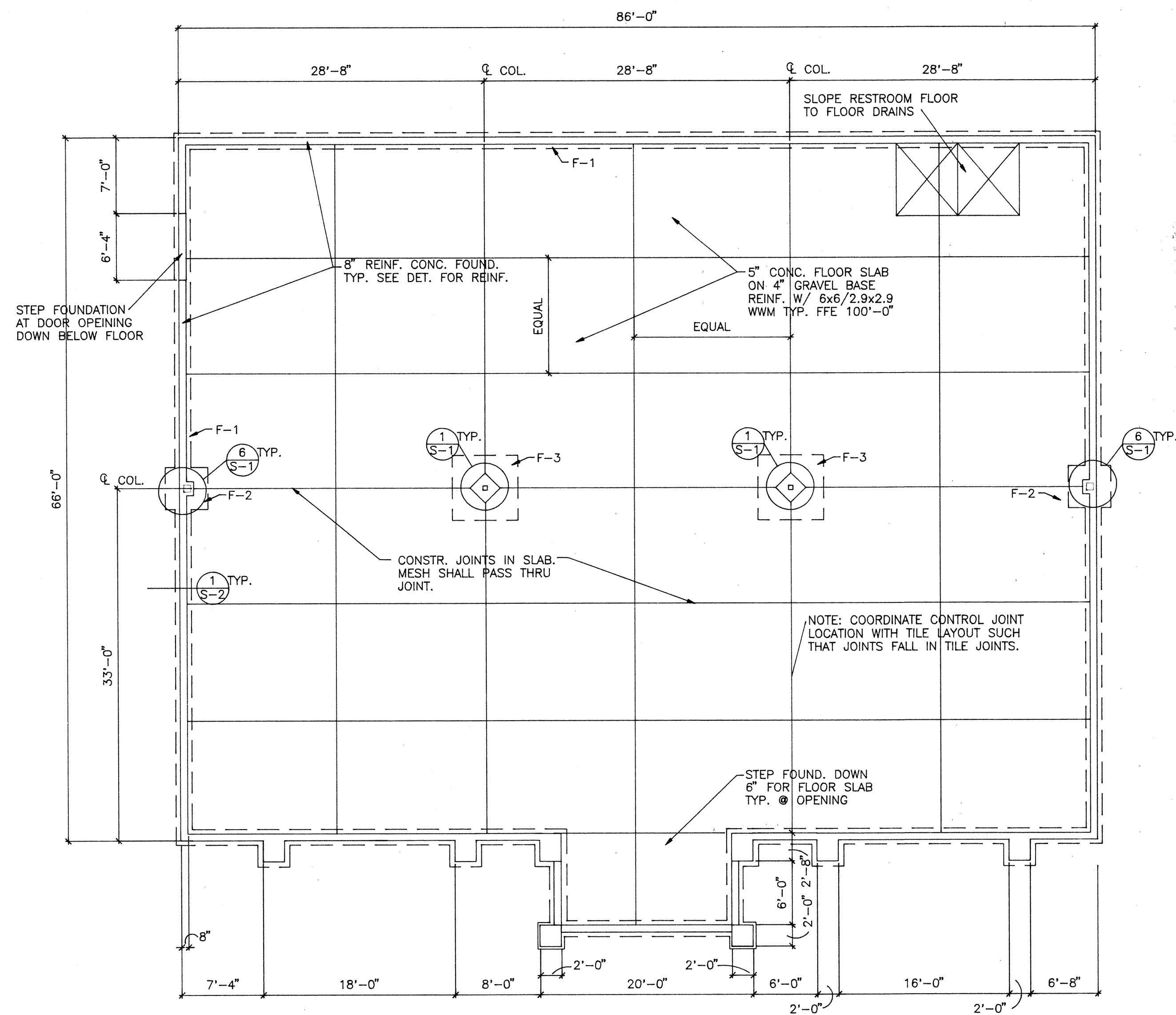
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BRENT HURD VINCENT
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NEW BUILDING :
STATE LIQUOR STORE
TAYLORSVILLE LIQUOR STORE
ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB97047
LIQUOR STORE #26
3905 WEST 5400 SOUTH
TAYLORSVILLE, UTAH
SCISSOR LIFT DETAILS, ROOF PLAN & MISC. DETAILS

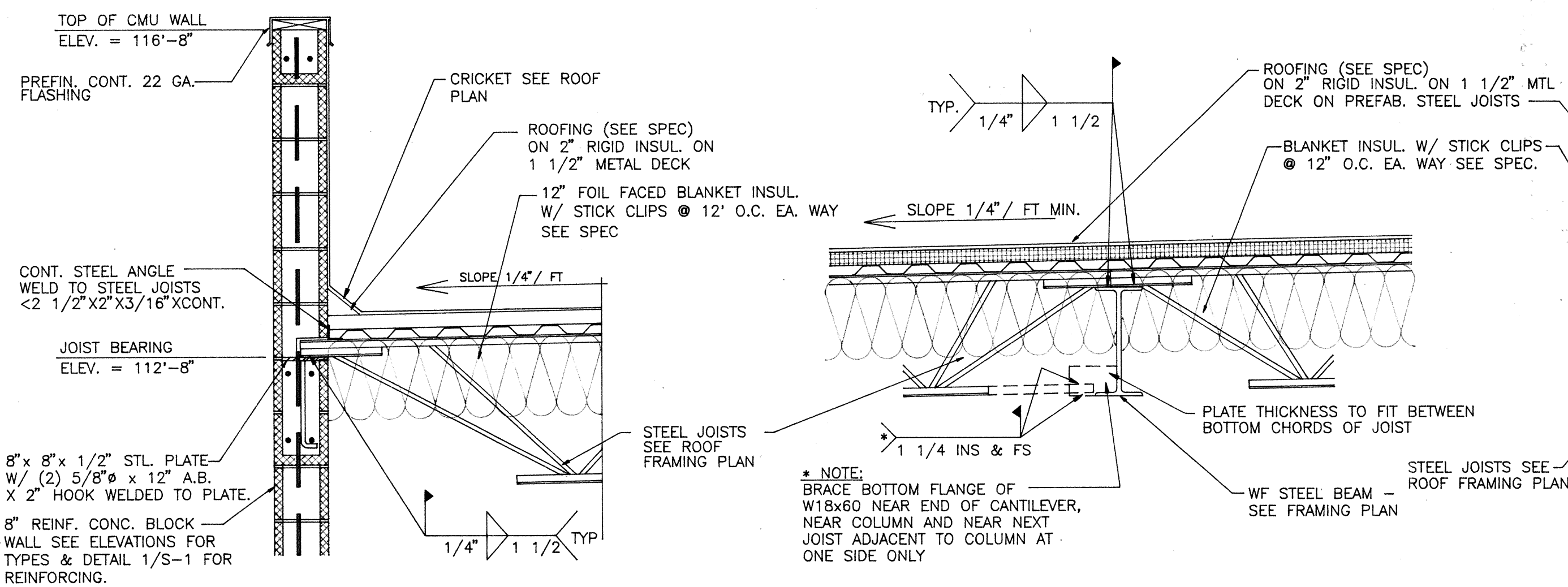
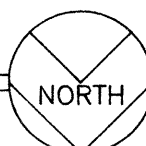
DATE JULY 31, 1997
FILE NO. 97-30
DRAWN BY TJP
CHECKED BY JV

SHEET
A-5
SHEET OF SHEETS



FOOTING & FOUNDATION PLAN

SCALE: 1/8" = 1'-0"



DETAIL

SCALE: 3/4" = 1'-0"

3
S-1

CANTILEVER SPAN AGAINST LATERAL TORSIONAL BUCKLING. ATTACH NEAR END AND NEAR COLUMN ONE SIDE OR THE OTHER WILL BE SUFFICIENT

DETAIL

SCALE: 3/4" = 1'-0"

4
S-1



FASTENING SCHEDULE

AREA FLUTE PATTERN

① .36/7 W/(2) WELDED SIDELAP FASTENERS

② .36/4 W/(2) WELDED SIDELAP FASTENERS

* INTERPOLATED FROM VULCRAFT ALLOW. DIAPHRAM SHEAR STRENGTH

DETAIL

SCALE: NONE

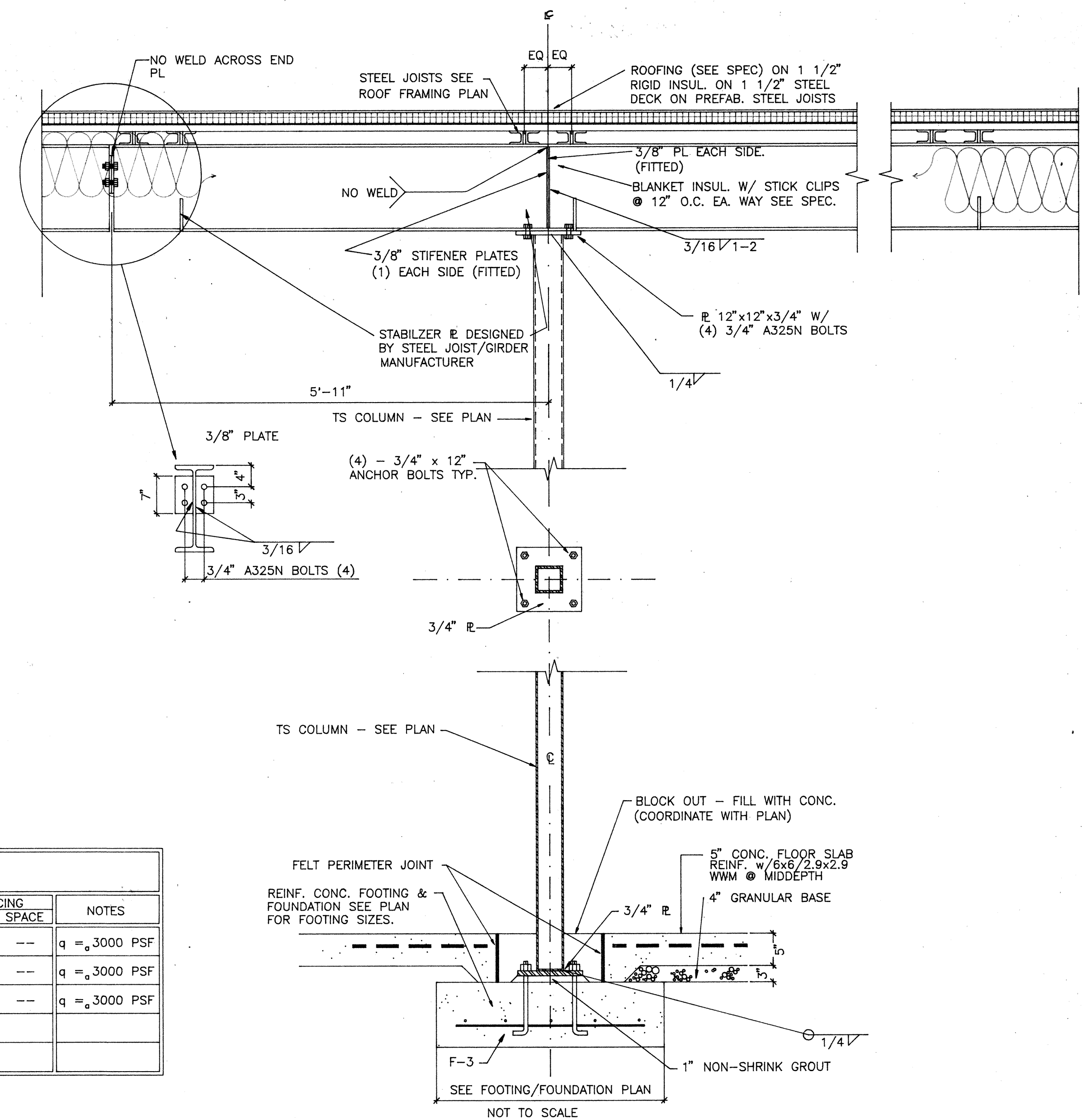
2
S-1

MARK	WIDTH	LENGTH	THICK	CROSSWISE REINFORCING NUMBER SIZE LENGTH SPACE	LENGTHWISE REINFORCING NUMBER SIZE LENGTH SPACE	NOTES
F-1	2'-0"	CONT.	12"	1 #4 --- 18"	2 #4 CONT. ---	q = 3000 PSF
F-2	3'-0"	3'-0"	12"	3 #5 --- ---	3 #5 --- ---	q = 3000 PSF
F-3	4'-3"	4'-3"	12"	4 #5 --- ---	4 #5 --- ---	q = 3000 PSF

DETAIL

SCALE: 3/4" = 1'-0"

5
S-1



DETAIL

SCALE: 3/4" = 1'-0"

1
S-1

RECORD SET
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CONTRACTOR VERIFIED AS-BUILTS - AUG. 25, 1998

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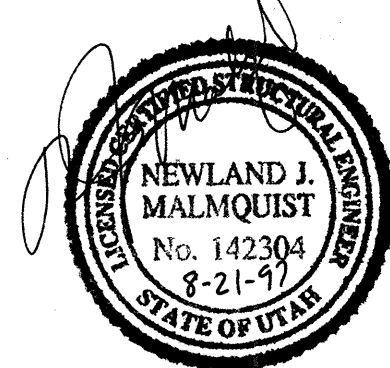
401 EAST 1700 SOUTH
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NEW BUILDING :
STATE LIQUOR STORE
ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB97047

3905 WEST 5400 SOUTH
SALT LAKE CITY, UTAH

FOOTING/FOUNDATION & DETAILS

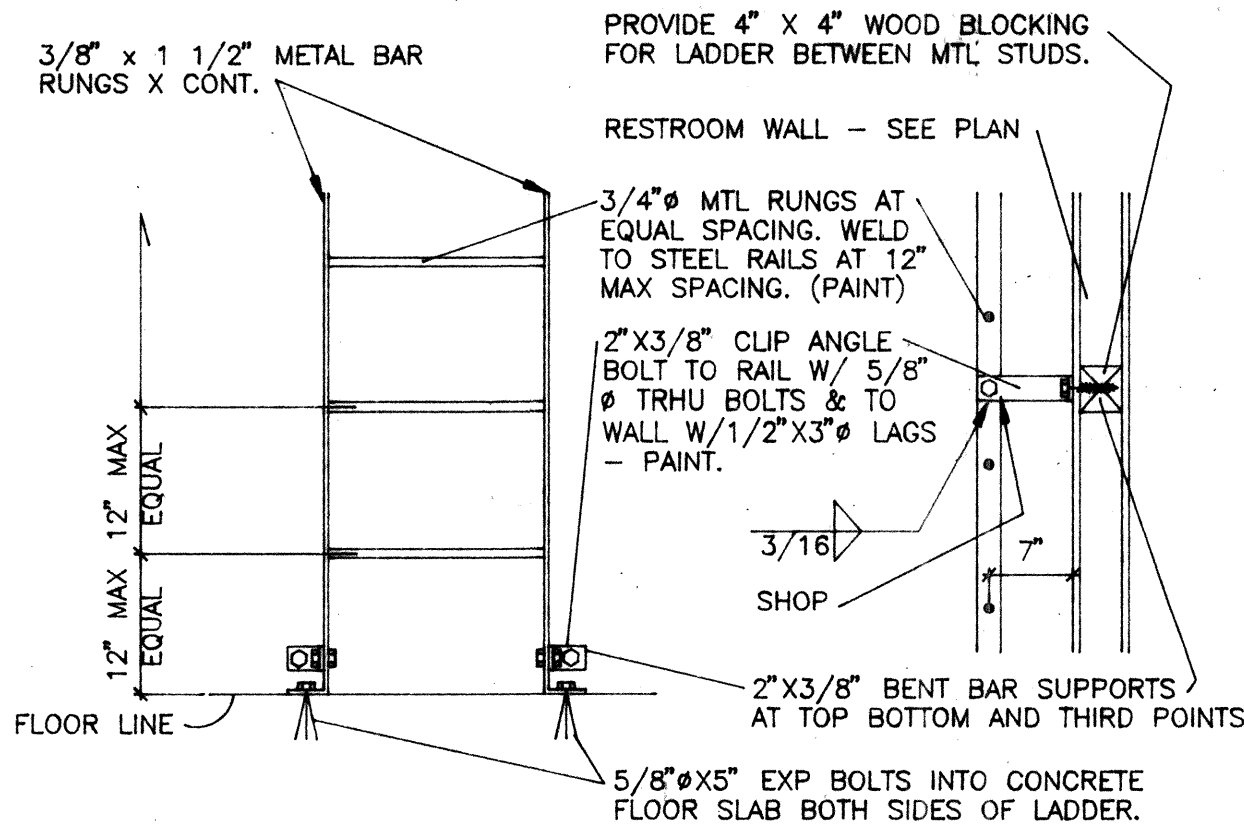
DATE JULY 31, 1997	SHEET
FILE NO. 97-30	S-1
DRAWN BY TJP	SHEET OF SHEETS
CHECKED BY JV	



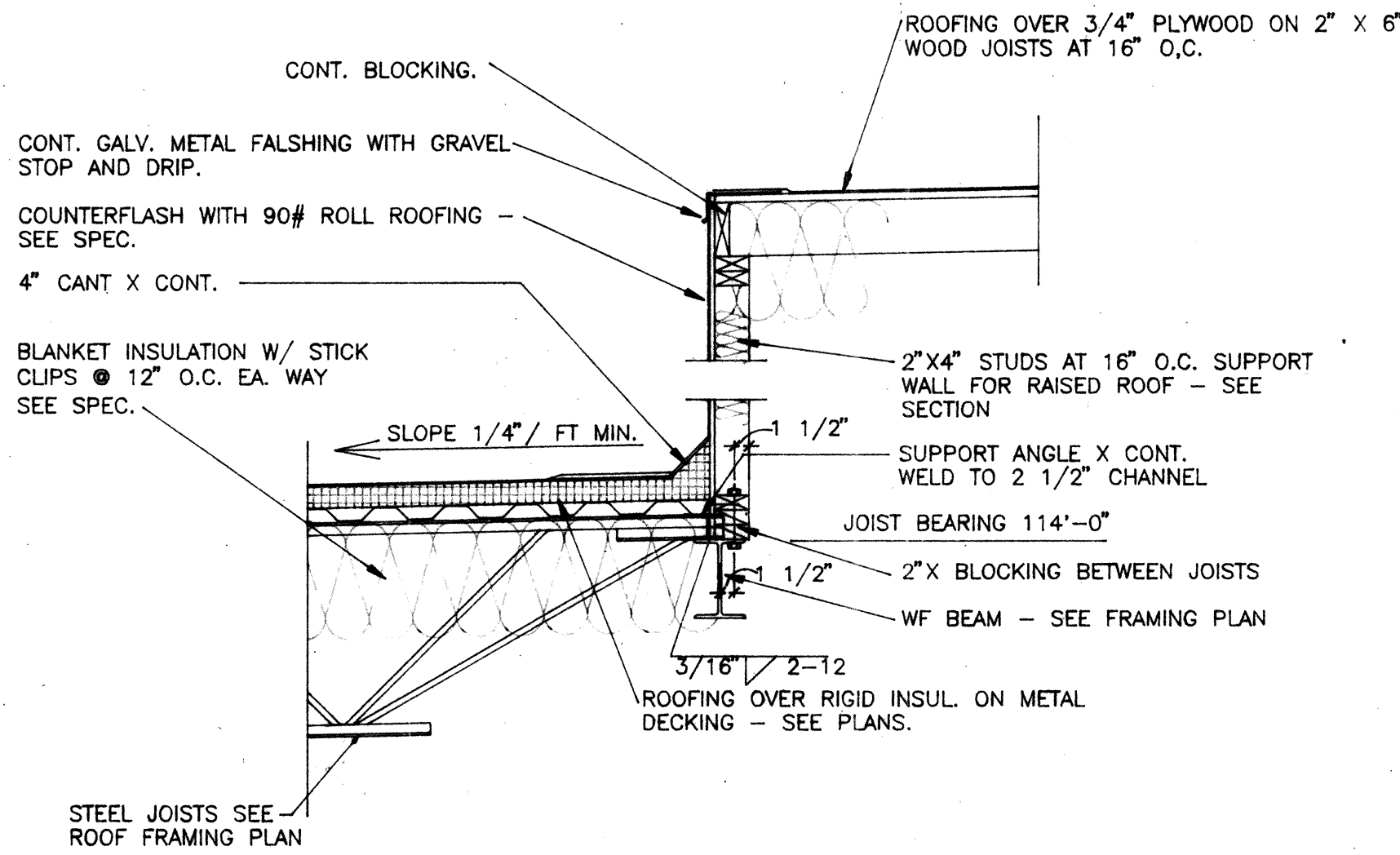
State Liquor Store 226, Taylorsville - AB 97 047
Footing/ Foundation & Details - 1218
00001051

STRUCTURAL NOTES :

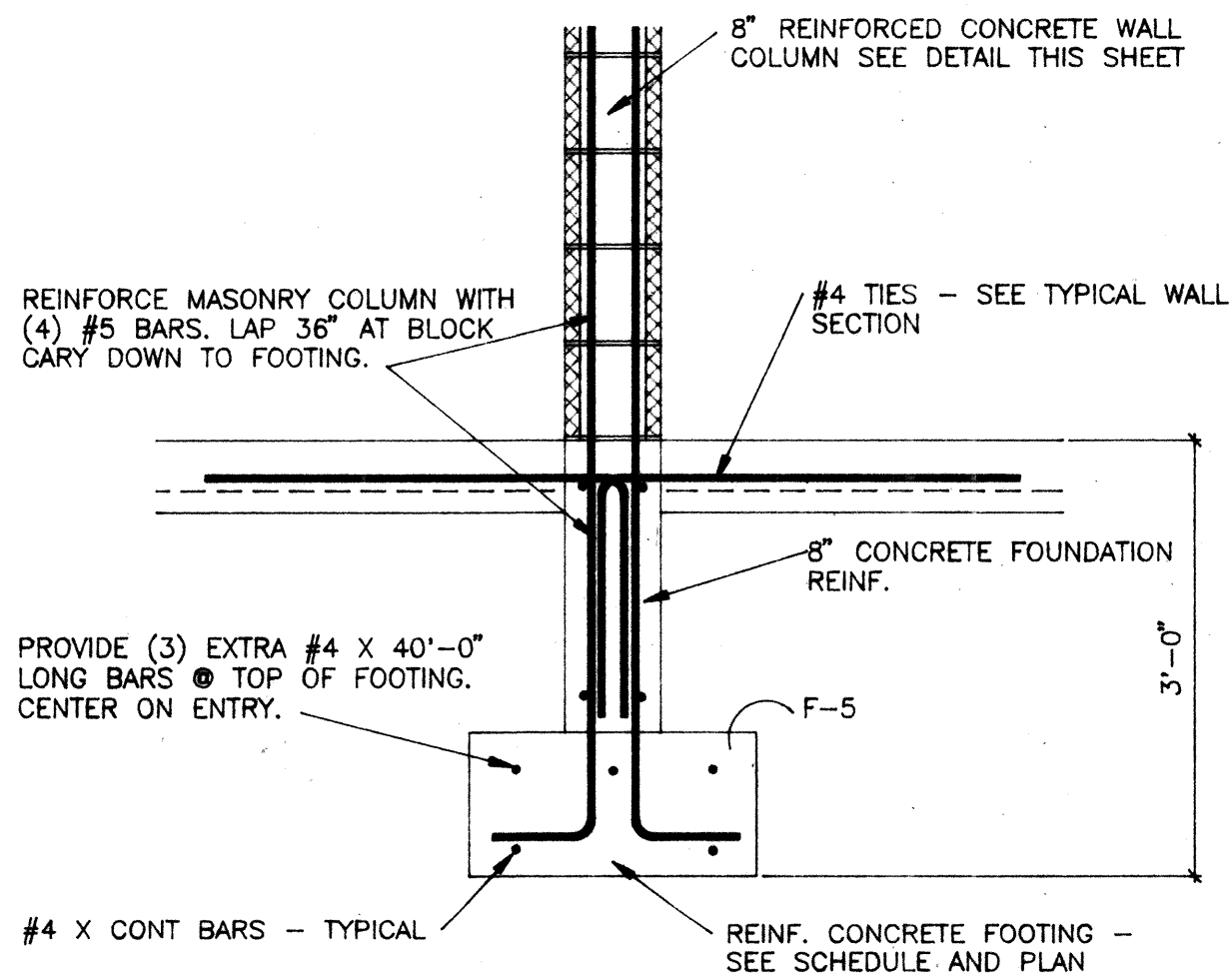
- GENERAL:
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS & CHECK CONDITIONS AT THE SITE BEFORE STARTING WORK AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES.
 - TYPICAL DETAILS SHALL APPLY IN GENERAL CONSTRUCTION UNLESS SPECIFICALLY DETAILED. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION WILL BE AS FOR SIMILAR WORK. DO NOT SCALE DRAWINGS.
 - ALL DESIGN AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENT OF THE 1994 UNIFORM BUILDING CODE (UBC). ALL APPLICABLE MATERIAL STANDARDS SHALL BE THE MOST RECENT EDITION.
 - ANY OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH ANY WORK SO INVOLVED.
 - BRACING AND SHORING - CONTRACTOR IS SOLELY RESPONSIBLE FOR JOBSITE SAFETY AND SHALL PROVIDE AND MAINTAIN ADEQUATE BRACING AND SHORING AT ALL TIMES DURING CONSTRUCTION.
 - DESIGN LOADS
GRAVITY LIVE LOADS:
ROOF: SNOW. 30 PSF
WIND FORCES: 70 MPH EXPOSURE B
SEISMIC FORCES ARE CALCULATED ON BASIS OF SHEAR WALLS TAKING 100% OF LATERAL LOAD FOR UBC ZONE 3 REQUIREMENTS. PARAMETERS ASSIGNED: RW=6.
- FOUNDATION:
- REFER TO REPORT BY DELTA GEOTECHNICAL CONSULTANTS OF AUGUST 1996. INCORPORATE RECOMMENDATIONS INTO BID.
 - FOOTING TYPE - SPREAD. ALLOWABLE BEARING OF 1500 PSF. NO PIPESUNDER FOOTINGS UNLESS APPROVED BY ENGINEER.
- CONCRETE:
- NORMAL WEIGHT CONCRETE (145 PCF MIN.) SHALL HAVE A MINIMUM 28 DAY CYLINDER STRENGTH OF 3000 PSI FOR FOOTINGS AND WALLS. USE 4000 PSI FOR EXTERIOR AND INTERIOR GRADE SLABS. USE ASTM C150 TYPE: "II" PORTLAND CEMENT.
 - ALL CONCRETE SHALL BE TESTED IN ACCORDANCE WITH UBC STD. NO. 26-10 WITH REPORTS FILED WITH ARCHITECT AND ENGINEER.
 - ALL REINFORCING STEEL, DOWELS AND ANCHOR BOLTS AND OTHER INSERTS OR EMBEDDED ITEMS SHALL BE FIRMLY SECURED IN POSITION PRIOR TO PLACING CONCRETE. ANCHOR BOLTS SHALL CONFORM TO ASTM A-307.
 - SPECIAL ATTENTION SHALL BE PAID IN THE PREPARATION OF SUBGRADE, FORMING, PLACING AND JOINING OF THE STORAGE SLAB TO MINIMIZE SETTLEMENTS AND CRACKING.
- REINFORCING STEEL:
- REINFORCING STEEL SHALL BE DEFORMED AND CONFORM TO ASTM A615 GRADE 60. FOR ALL MAIN REINFORCING, TIES, STIRRUPS, AND HOOPS SHALL CONFORM TO GRADE 60. WELDED ANCHORS SHALL CONFORM TO ASTM A496. WELDING SHALL CONFORM TO UBC STD. 26-8. FABRICATE AND PLACE REINFORCING IN ACCORDANCE WITH UBC SEC. 2607.
 - REINFORCING SHALL HAVE THE FOLLOWING COVER UNLESS OTHERWISE NOTED:
CONCRETE AGAINST EARTH (NOT FORMED): 3"
CONCRETE AGAINST EARTH (FORMED): 2"
WALLS: 1"
 - REINFORCING STEEL NOTED "CONTINUOUS" MAY BE SPLICED WITH A LAP OF 40 BAR DIAMETERS UNLESS NOTED OTHERWISE. SPLICES SHALL NOT BE MADE IN REGIONS OF HIGH STRESS UNLESS SPLICE LENGTHS ARE INCREASED ACCORDING TO CODE.
 - EXTEND ALL REINFORCING AROUND CORNERS OR FURNISH CORNER BARS. PROVIDE HOOKS AT WALL TERMINATIONS OR INTERSECTIONS.
- WOOD FRAMING:
- ALL WOOD FRAMING SHALL CONFORM TO UBC STD. NO. 25-4 AS FOLLOWS:
JOINTS AND LINTELS NO. 2 DF/LARCH
LIGHT FRAMING NO. 2 DF/LARCH
 - SILL PLATES ON CONCRETE OR MASONRY SHALL BE TREATED AND ANCHORED WITH 5/8" DIAMETERS BOLTS AT 4 FEET ON CENTER UNLESS NOTED OTHERWISE (UNO).
 - NAILING SHALL CONFORM TO UBC TABLE 25-Q UNO.
 - BOLTS, CLIPS, HOLD-DOWNS AND MISCELLANEOUS CONNECTORS SHALL BE AS SHOWN OR NOTED OR AS REQUIRED BY CODE FOR SEISMIC OR WIND LOADING ON WOOD FRAMED STRUCTURES. ALL SERIALIZED METAL CONNECTORS SHALL BE SIMPSON OR EQUAL.
 - PLYWOOD SHALL CONFORM TO UBC STD. 25-9 CDX THICKNESS AS NOTED. PARTICLE BOARD SHALL CONFORM TO UBC STD. NO. 25-25.
- STEEL JOISTS:
- STEEL JOISTS SHALL BE OPEN WEB TYPE AS INDICATED AND IN COMPLIANCE WITH THE STEEL JOIST INSTITUTE (SJI) STANDARDS FOR MATERIALS, DESIGN AND MANUFACTURING. CONFORM TO SJI REQUIREMENTS FOR MATERIALS APPLICATION, HANDLING AND ERECTION.
- STEEL DECK:
- STEEL FLOOR AND ROOF DECK SHALL CONFORM TO SDI SPECIFICATIONS FOR MATERIALS, APPLICATION, DESIGN, MANUFACTURING, HANDLING AND ERECTION.
 - ANCHORAGE OF DECK TO SUPPORTING MEMBERS SHALL BE MADE WITH WELDS PLACED AT RIBS AS SHOWN AND SIDE LAPS BETWEEN DECK SECTIONS SHALL BE MADE WITH WELDED SEAMS AS SHOWN AND NOTED.
- MISCELLANEOUS STRUCTURAL STEEL:
- CONFORM TO ASTM A36 FOR ALL ROLLED SHAPES, BARS AND PLATES, A53 GRADE B FOR PIPE AND A500 GRADE B FOR STRUCTURAL TUBES.
 - ALL BOLTED CONNECTIONS SHALL BE MADE WITH BOLTS CONFORMING TO ASTM A307 GRADE B FOR LIGHT FABRICATIONS, STEEL TO WOOD, MASONRY OR CONCRETE CONNECTION AND TO A325N FOR STEEL TO STEEL CONNECTIONS. PROVIDE WASHERS OR BEARING PLATES WHERE BOLTS BEAR AGAINST WOOD OR MASONRY.
 - ALL WELDING RODS SHALL CONFORM TO AWS A5.1 E70XX LOW HYDROGEN AND WORKMANSHIP SHALL CONFORM TO AWS D1.1 SPECIFICATIONS. WELDER PERSONNEL SHALL HAVE A CURRENT AWS CERTIFICATION.
- REINFORCED MASONRY:
- CONFORM TO UBC CHAPTER 24. FM = 1500 PSI.
 - SPECIAL INSPECTION PER UBC 1994.
 - MASONRY UNITS SHALL BE LIGHT WEIGHT CONCRETE CONFORMING TO ASTM C90 GRANDE N.
 - MORTAR SHALL BE TYPE S, 1800 PSI MINIMUM COMPRESSIVE STRENGTH.
 - REINFORCING SHALL CONFORM TO ASTM A615 GRADE 60.
 - GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI. LOW LIFT GROUTING IS THE PREFERRED METHOD.
 - ANCHOR BOLTS SHALL BE EMBEDDED A MINIMUM OF 5-1/2 INCHES INTO GROUTED CORES OR BOND BEAMS FOR HORIZONTAL BOLTS AND 12" FOR VERTICAL BOLTS.
 - REINFORCING SHALL BE LAPPED A MINIMUM OF 40 DIAMETERS UNLESS NOTED OTHERWISE.
 - ARCHITECT SHALL VISUALLY OBSERVE ALL PLACEMENT OF REBAR PRIOR TO GROUTING OPERATIONS.



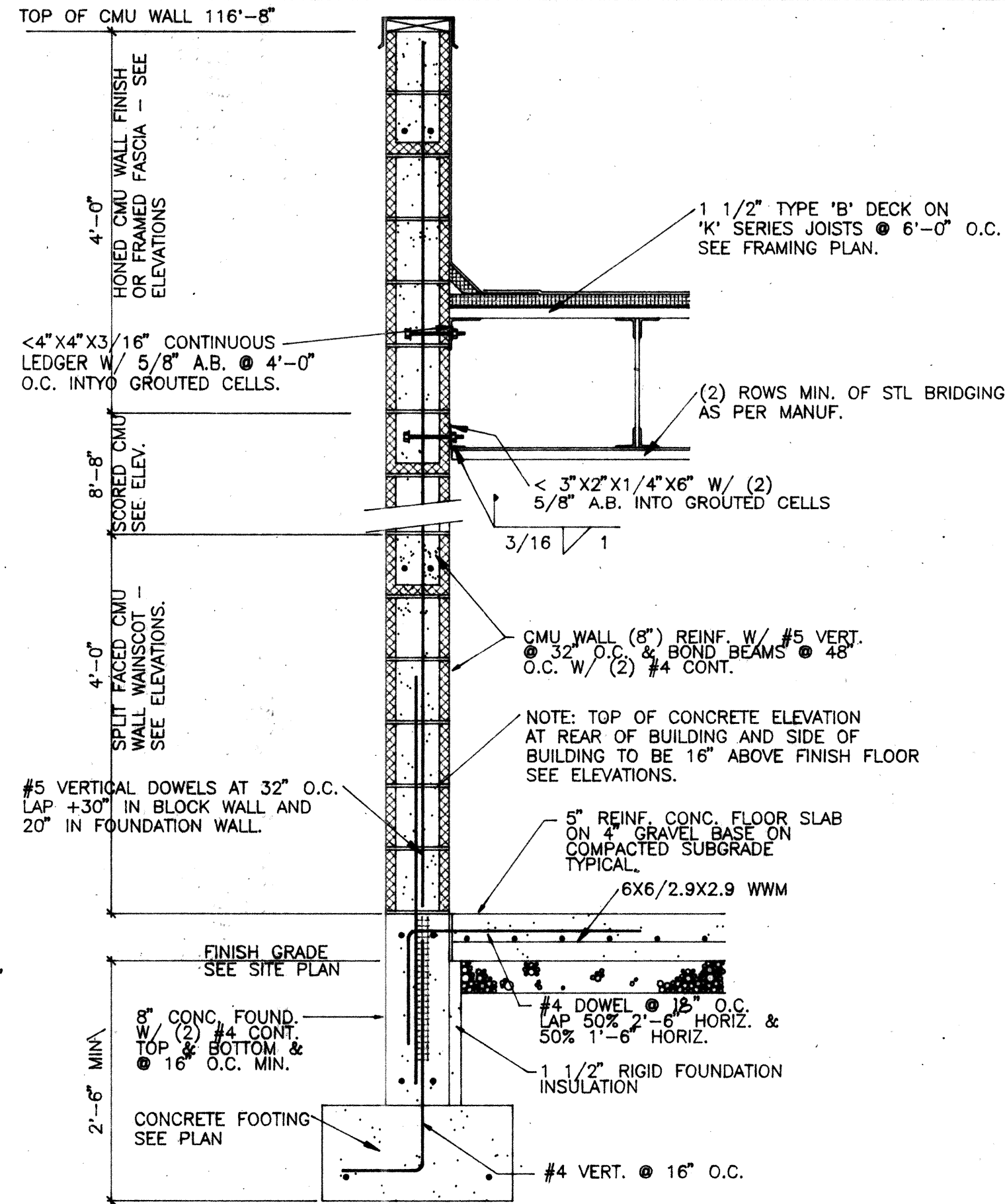
DETAIL 2 S-2
SCALE: 3/4\"/>



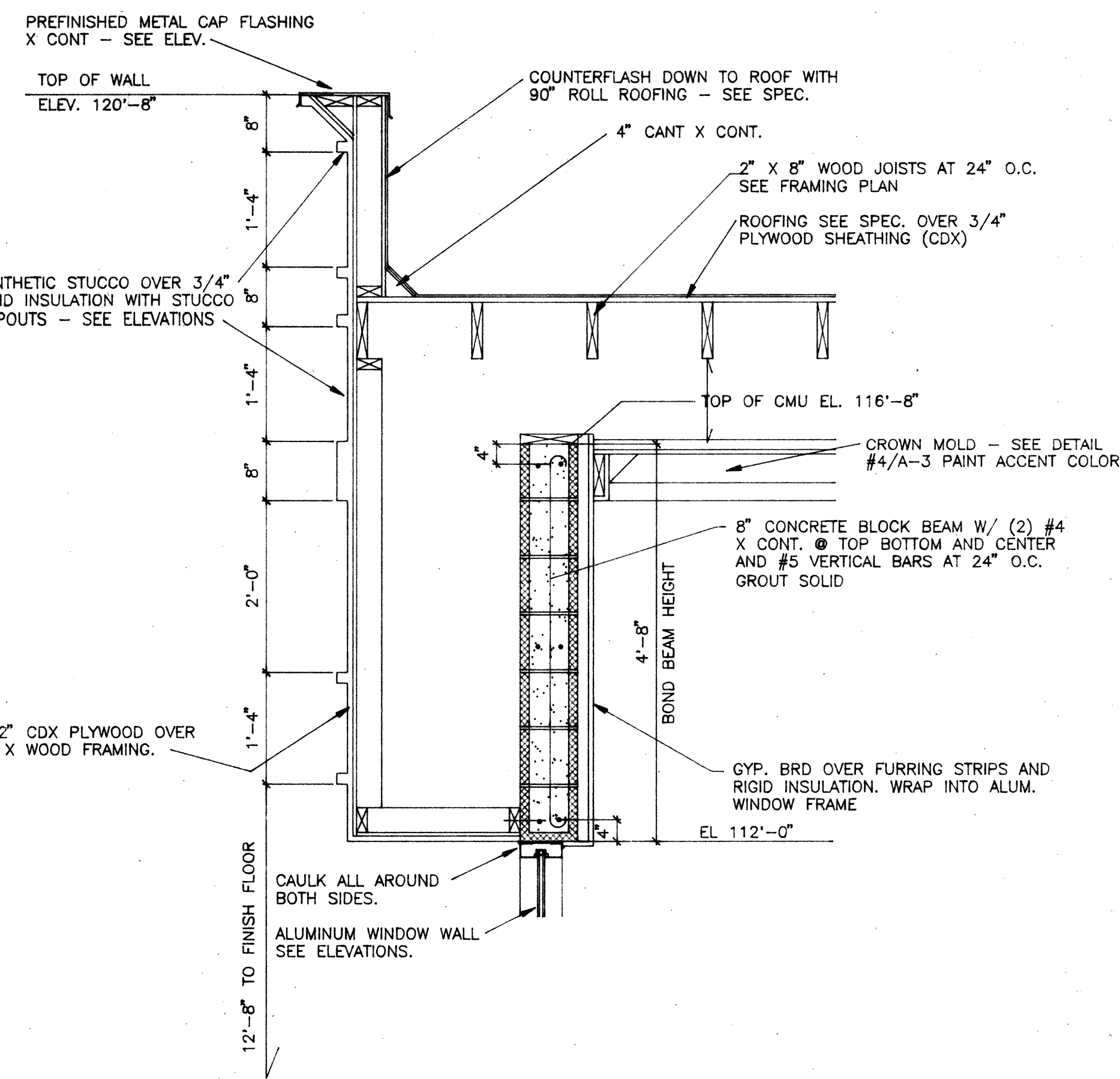
DETAIL 3 S-2
SCALE: 3/4\"/>



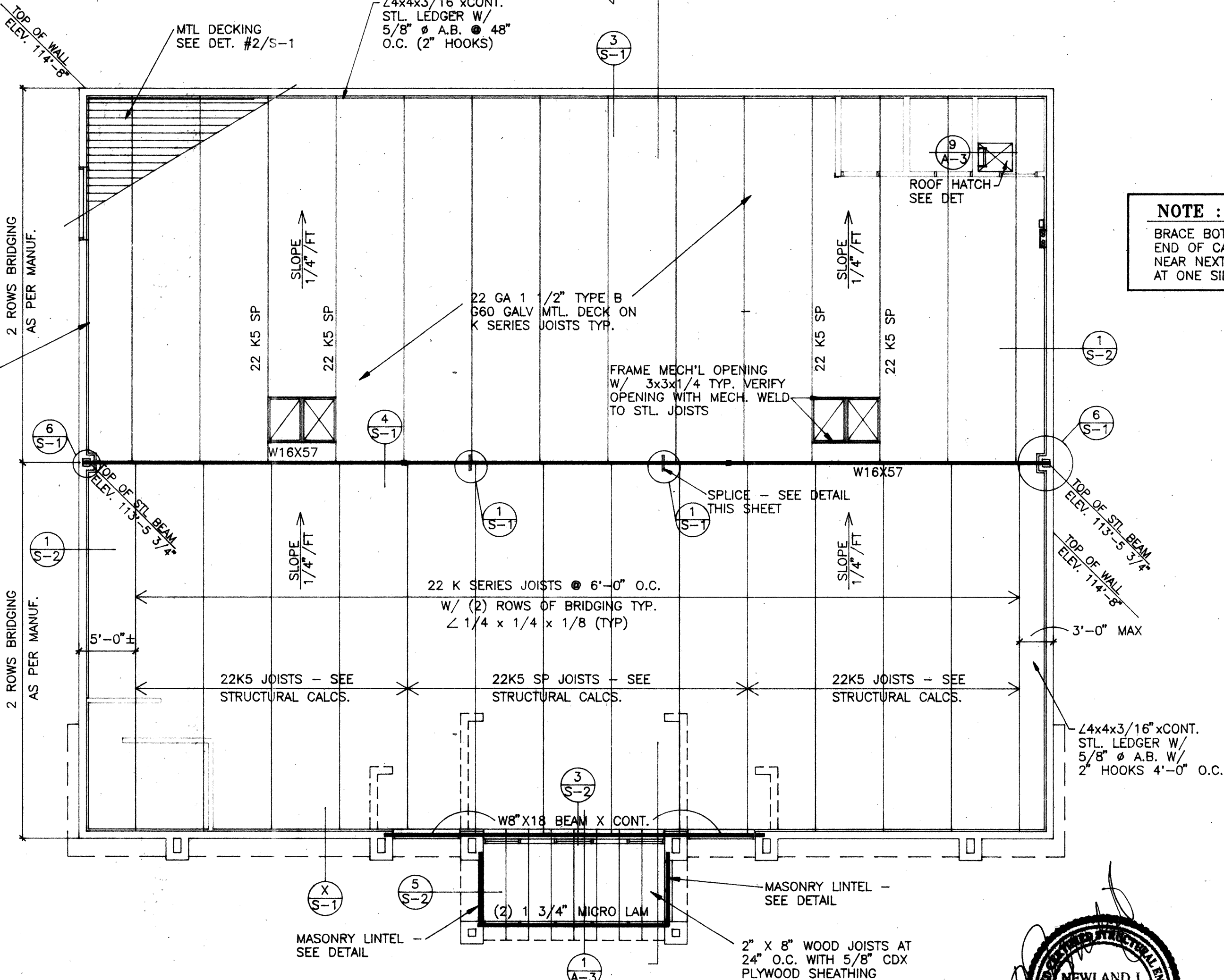
DETAIL 4 S-2
SCALE: 3/4\"/>



DETAIL 1 S-2
SCALE: 3/4\"/>



LINTEL DETAIL 5 S-2
SCALE: 3/4\"/>

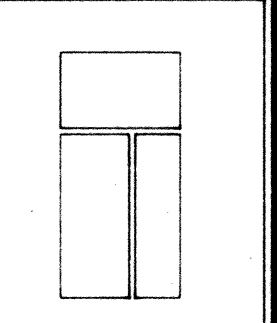


ROOF FRAMING PLAN
SCALE: 1/8\"/>

NOTE:
BRACE BOTTOM FLANGE OF W18x60 NEAR END OF CANTILEVER, NEAR COLUMN AND NEAR NEXT JOIST ADJACENT TO COLUMN AT ONE SIDE ONLY SEE DET. 4/S-1.

RECORD SET
REASONABLE LEVEL OF ACCURACY CAN BE EXPECTED, BUT NO WARRANTY OF 100% ACCURACY IS MADE OR IMPLIED
SEPT. 10, 1998

CONTRACTOR VERIFIED AS-BUILTS - AUG. 29, 1998



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NEW BUILDING

STATE LIQUOR STORE

ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB96147

125 WEST, NORTH TEMPLE
SALT LAKE CITY, UTAH

ROOF FRAMING PLAN, DETAILS AND NOTES

DATE APRIL 7, 1997

FILE NO.

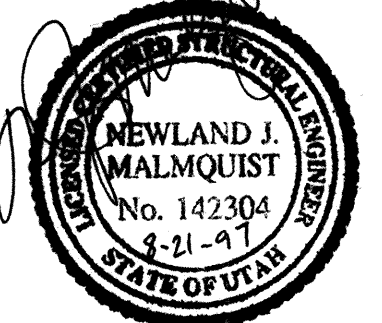
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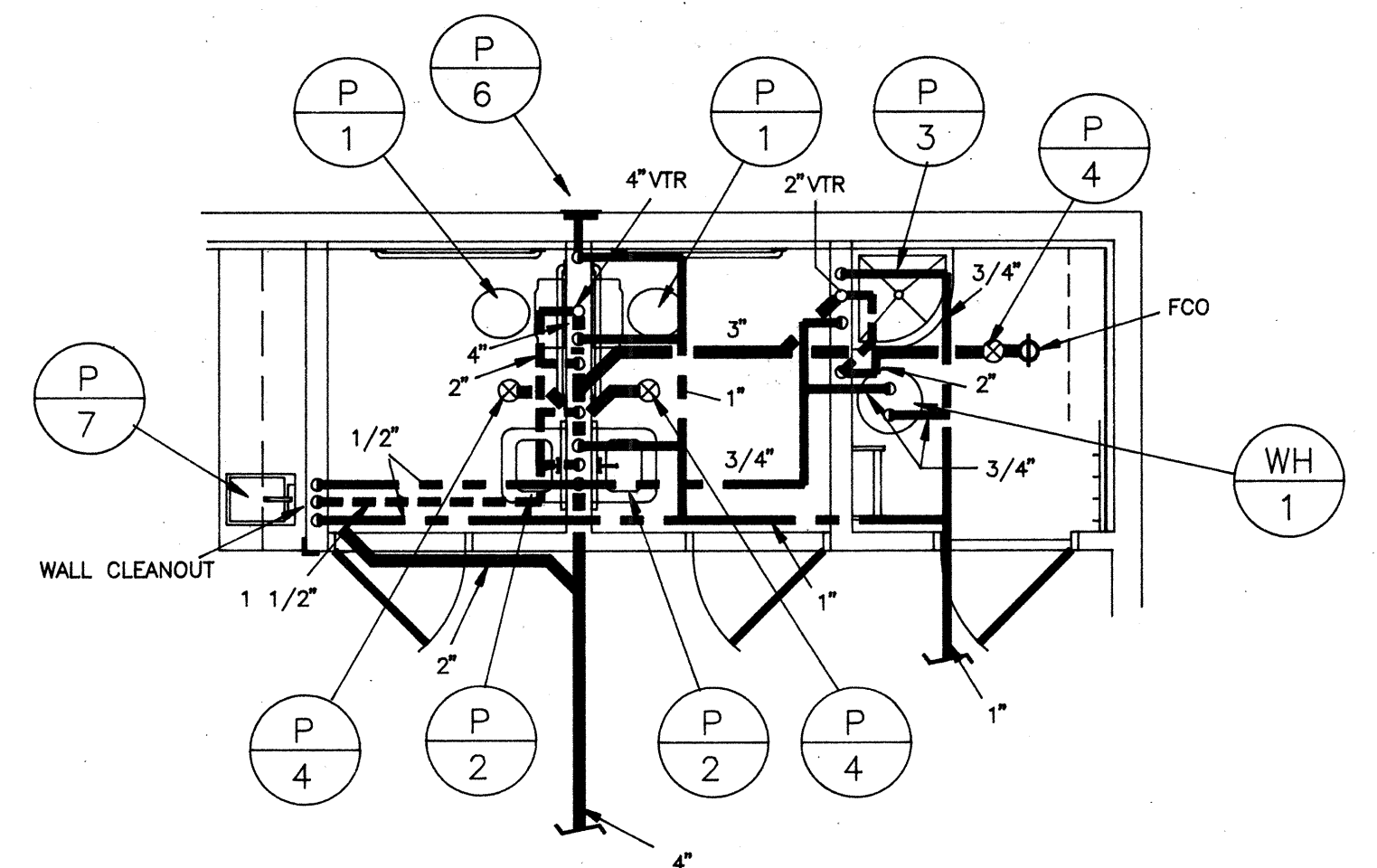
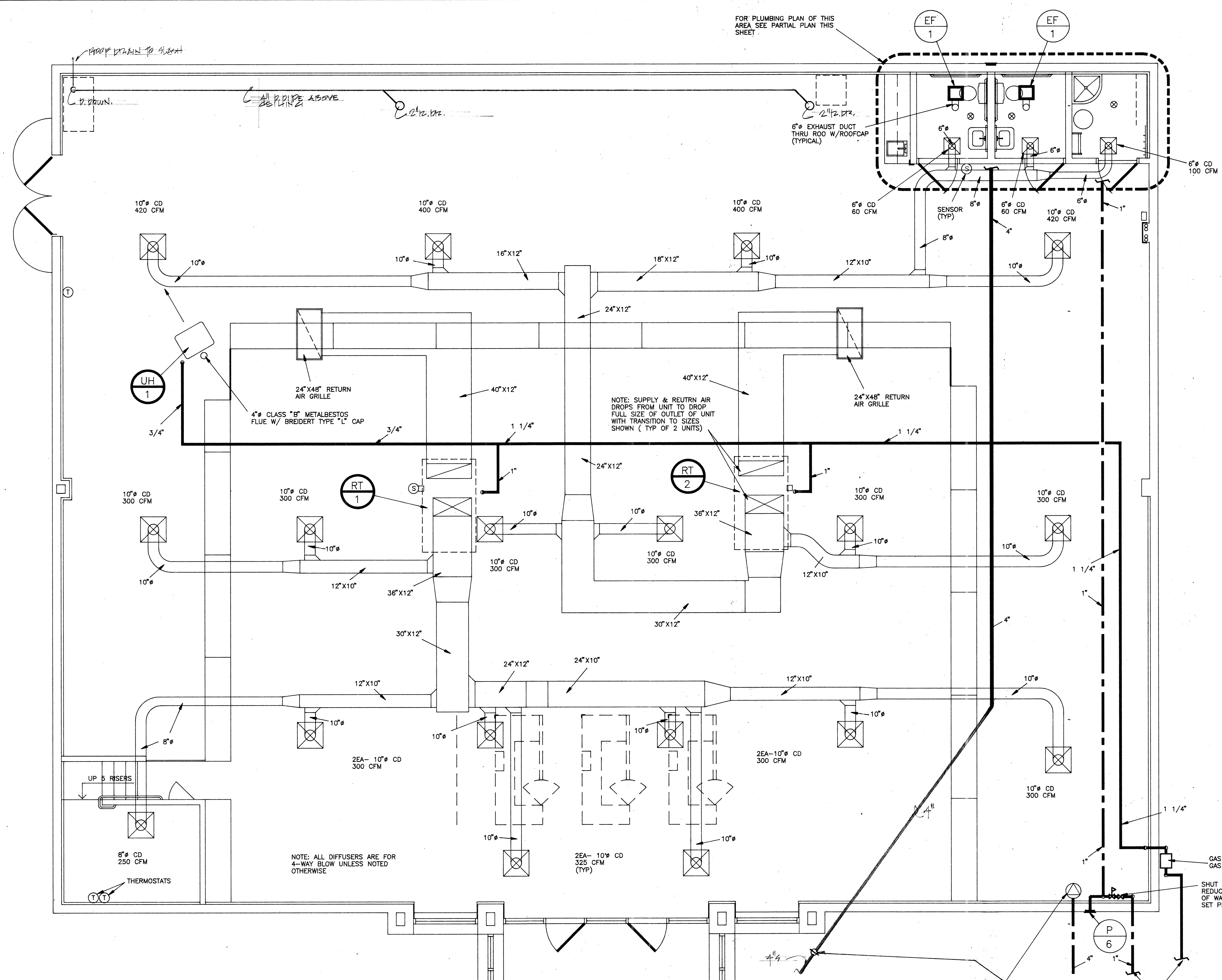
SHEET

S-2

SHEET OF SHEETS

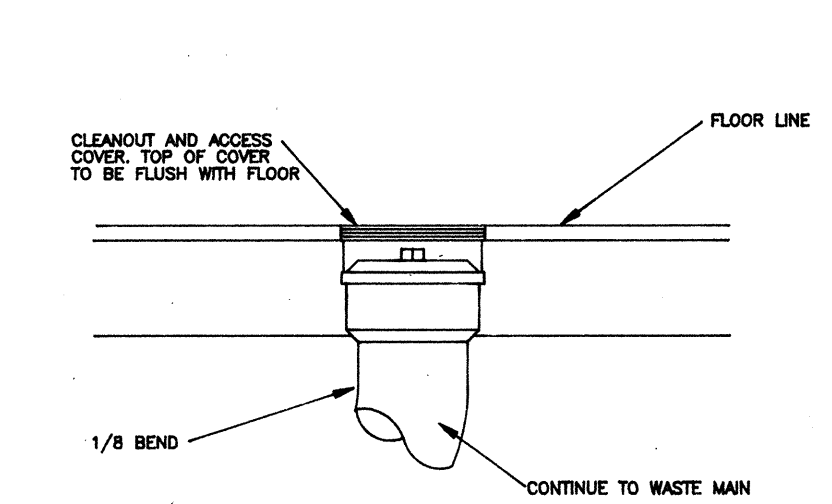


State Liquor Store #26, Taylorsville - AS97-047
Roof Framing Plan, Details, & Notes - 129
0001052

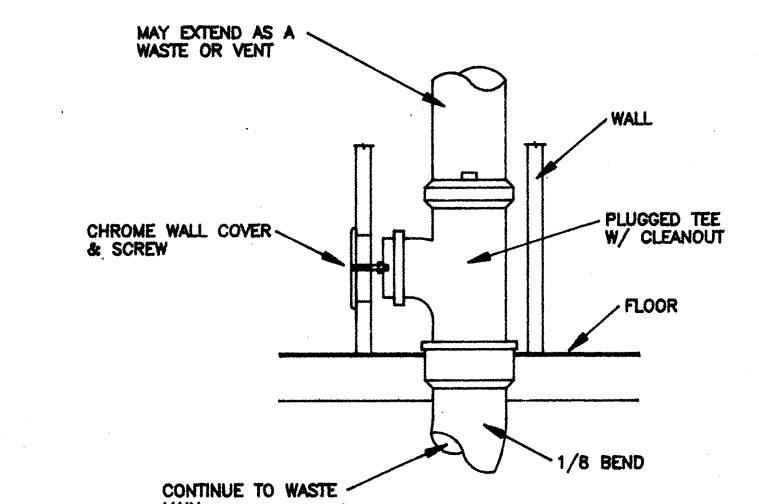


PARTIAL PLUMBING PLAN

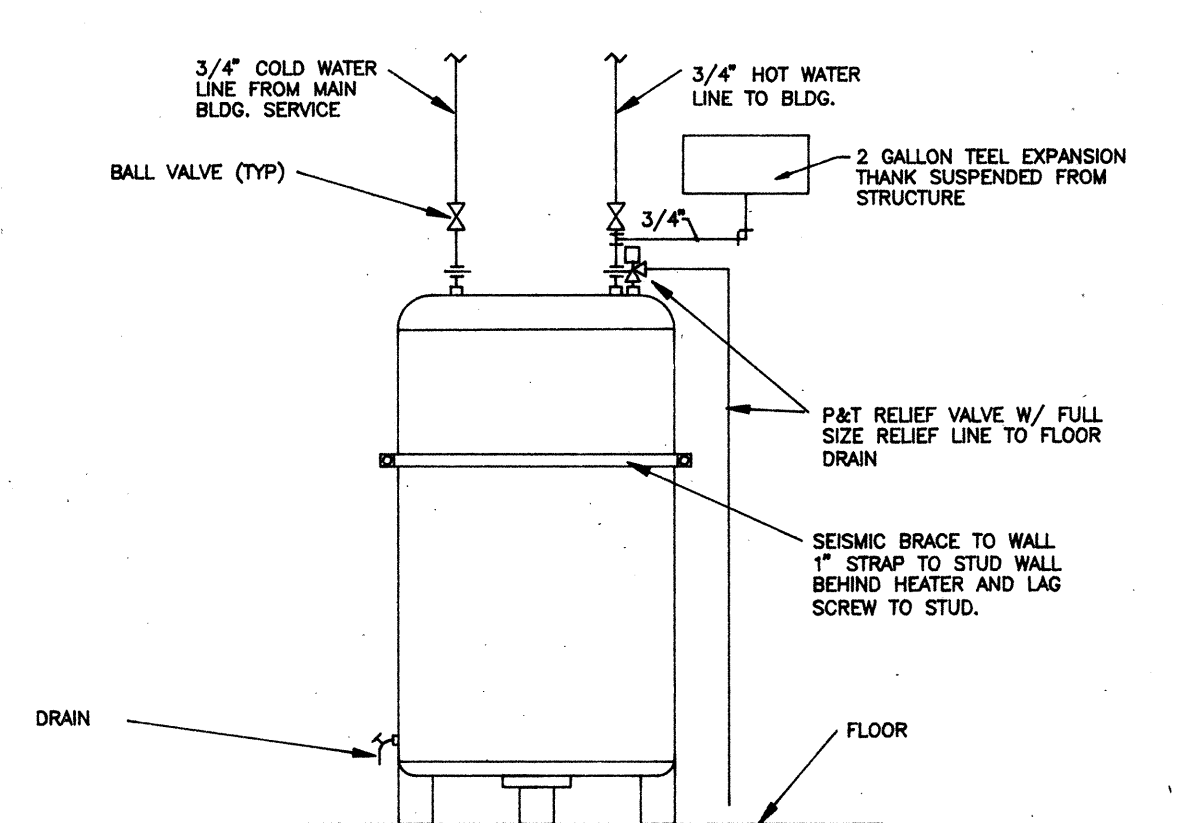
SCALE: 1/4" = 1'-0"



FLOOR CLEANOUT DETAIL
NO SCALE



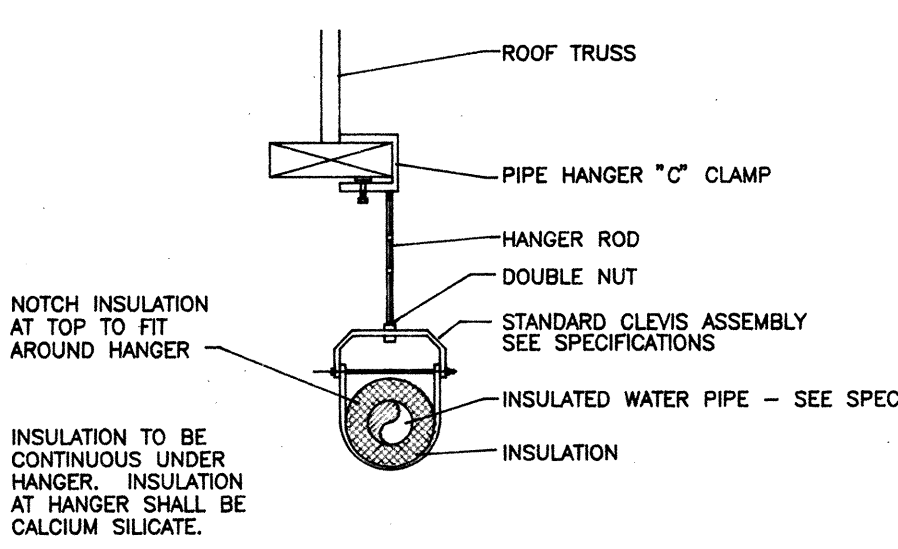
WALL CLEANOUT DETAIL
NO SCALE



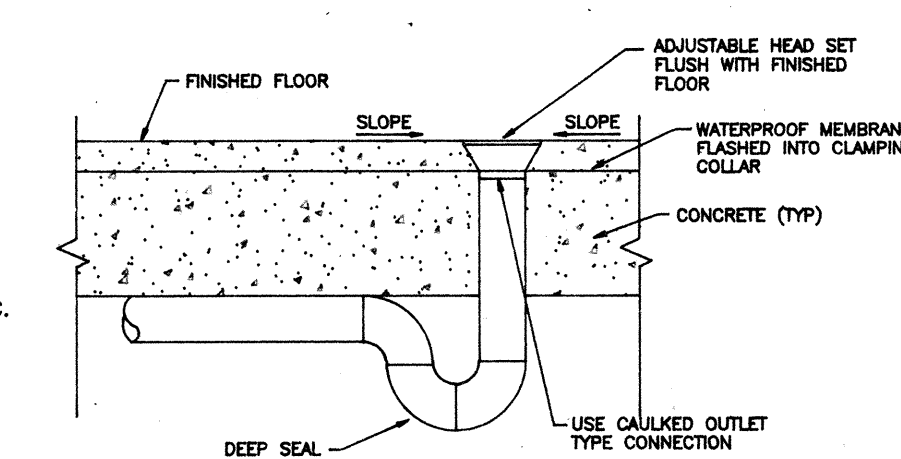
HOT WATER HEATER PIPING DETAIL
NO SCALE

RECORD SET
REASONABLE LEVEL OF ACCURACY CAN BE EXPECTED, BUT NO WARRANTY OF 100% ACCURACY IS MADE OR IMPLIED SEPT. 10, 1998

CONTRACTOR VERIFIED AS-BUILTS - AUG. 25, 1998



PIPE HANGER DETAIL
NO SCALE

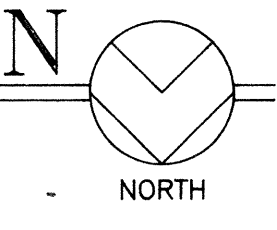


TYPICAL FLOOR DRAIN SECTION \"B\" (TYP. 3 LOCATIONS)
NO SCALE

NOTE:
4\"/>

MECHANICAL PLAN

SCALE: 1/4" = 1'-0"



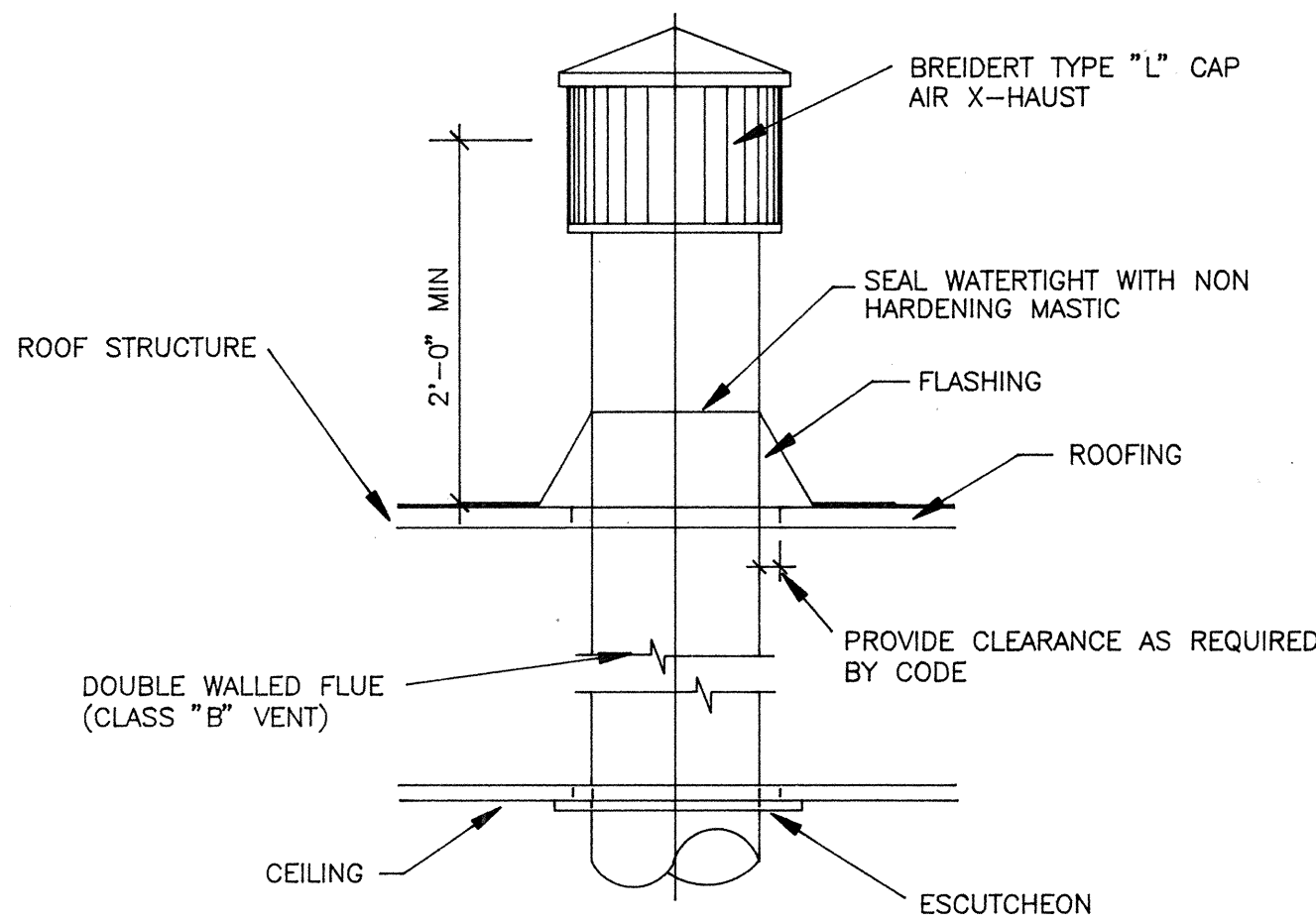
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REGISTERED PROFESSIONAL ENGINEER
No. 2500
GERALD D. SMITH
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SALT LAKE CITY, UTAH 84115 (801) 484-2046

NEW BUILDING :
STATE LIQUOR STORE
ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB*****
LIQUOR STORE #26
3900 WEST 5400 SOUTH
TAYLORSVILLE, UTAH
MECHANICAL FLOOR PLAN & DETAILS

DATE AUG 11, 1997	SHEET
FILE NO. 9-***	M-1
DRAWN BY GDS	
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SHEET OF SHEETS	

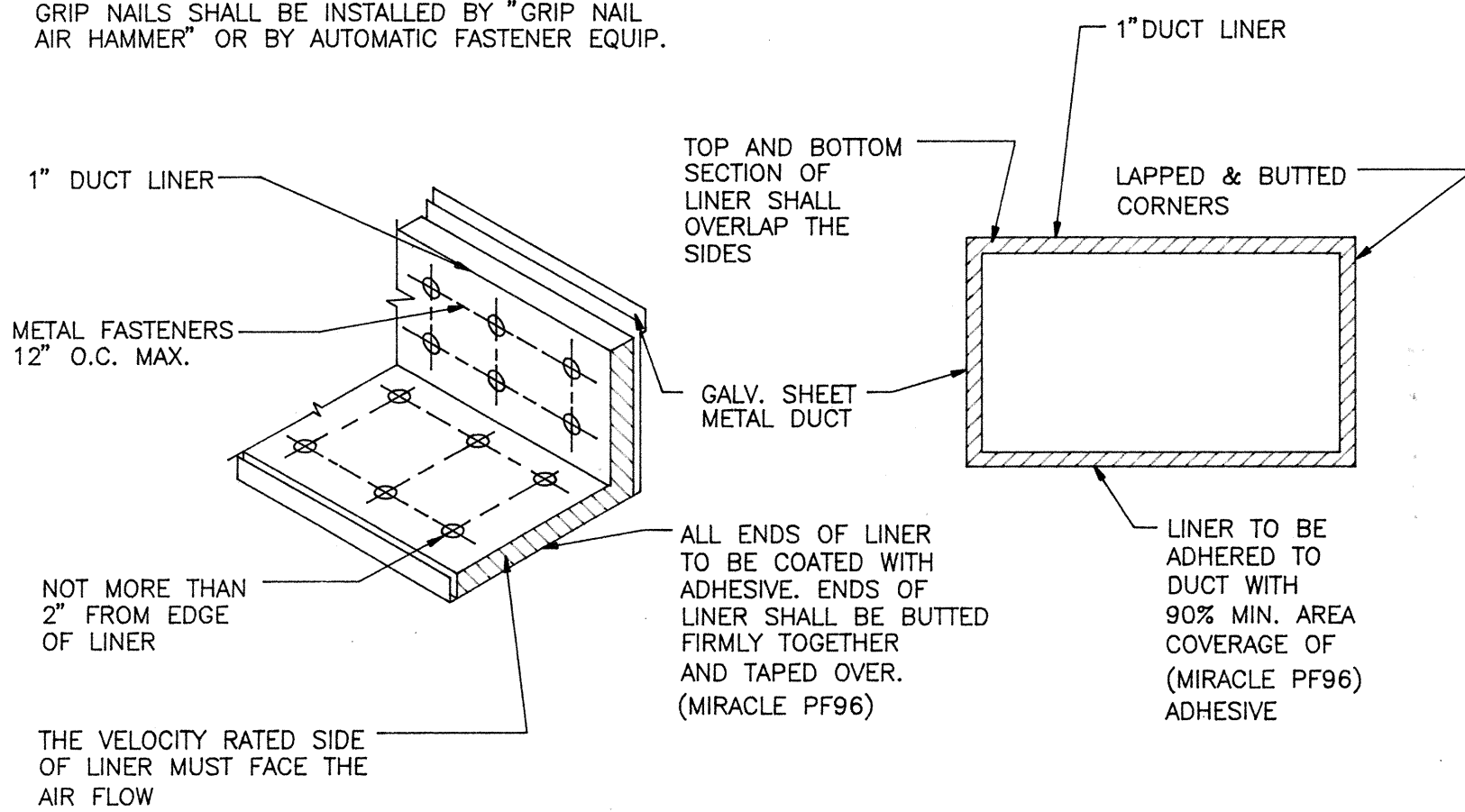
State Liquor Store #26, Taylorsville - AB97-047
Mechanical Floor Plan & Details - 1201
00001Q01



FLUE THRU ROOF DETAIL

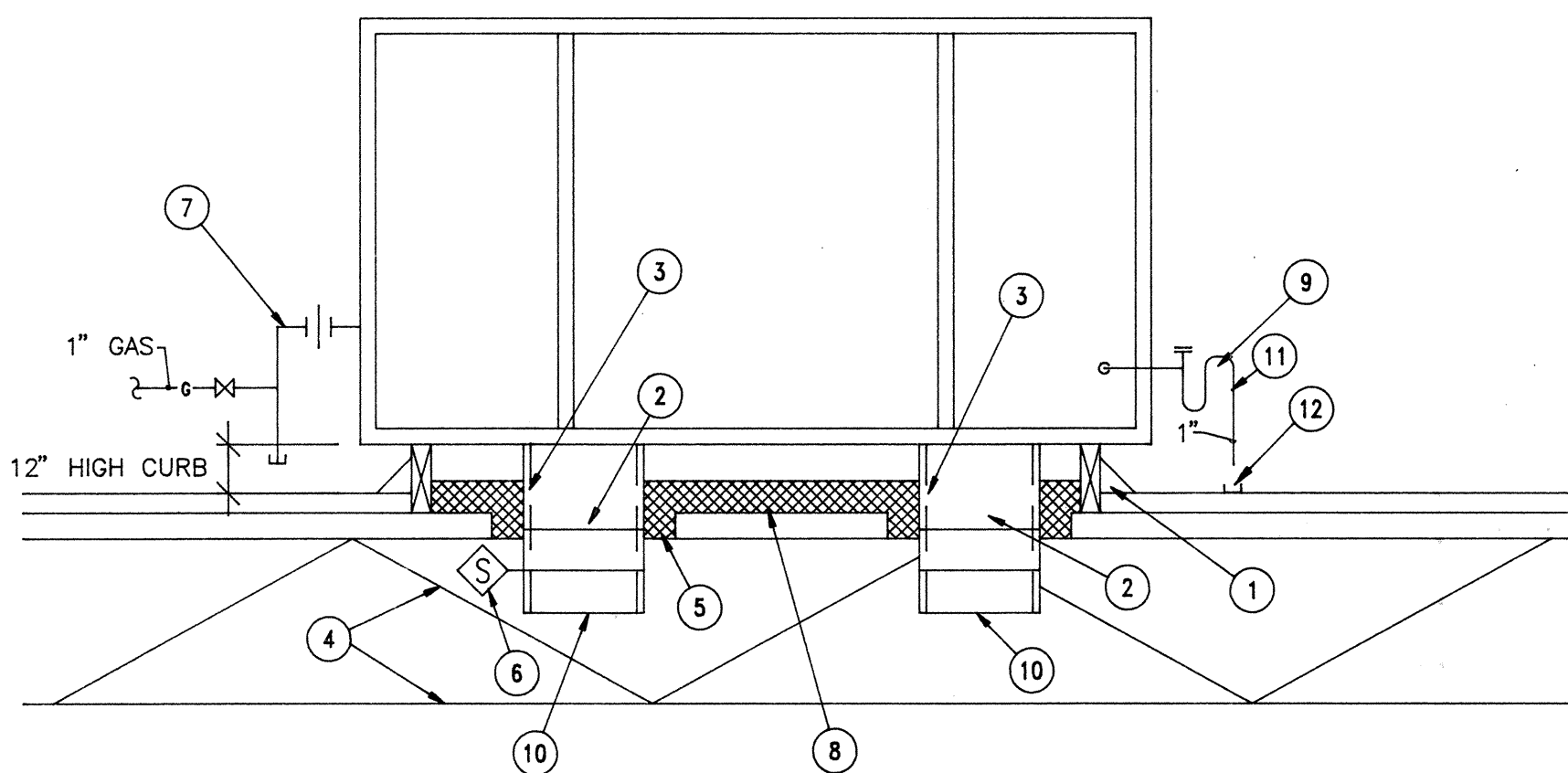
NO SCALE

METAL FASTENERS :
OMARK INSUL-PINS, DURA DYNE FASTENERS OR GRIP NAILS.
GRIP NAILS SHALL BE INSTALLED BY "GRIP NAIL
AIR HAMMER" OR BY AUTOMATIC FASTENER EQUIP.



DUCT LINER DETAIL

NO SCALE

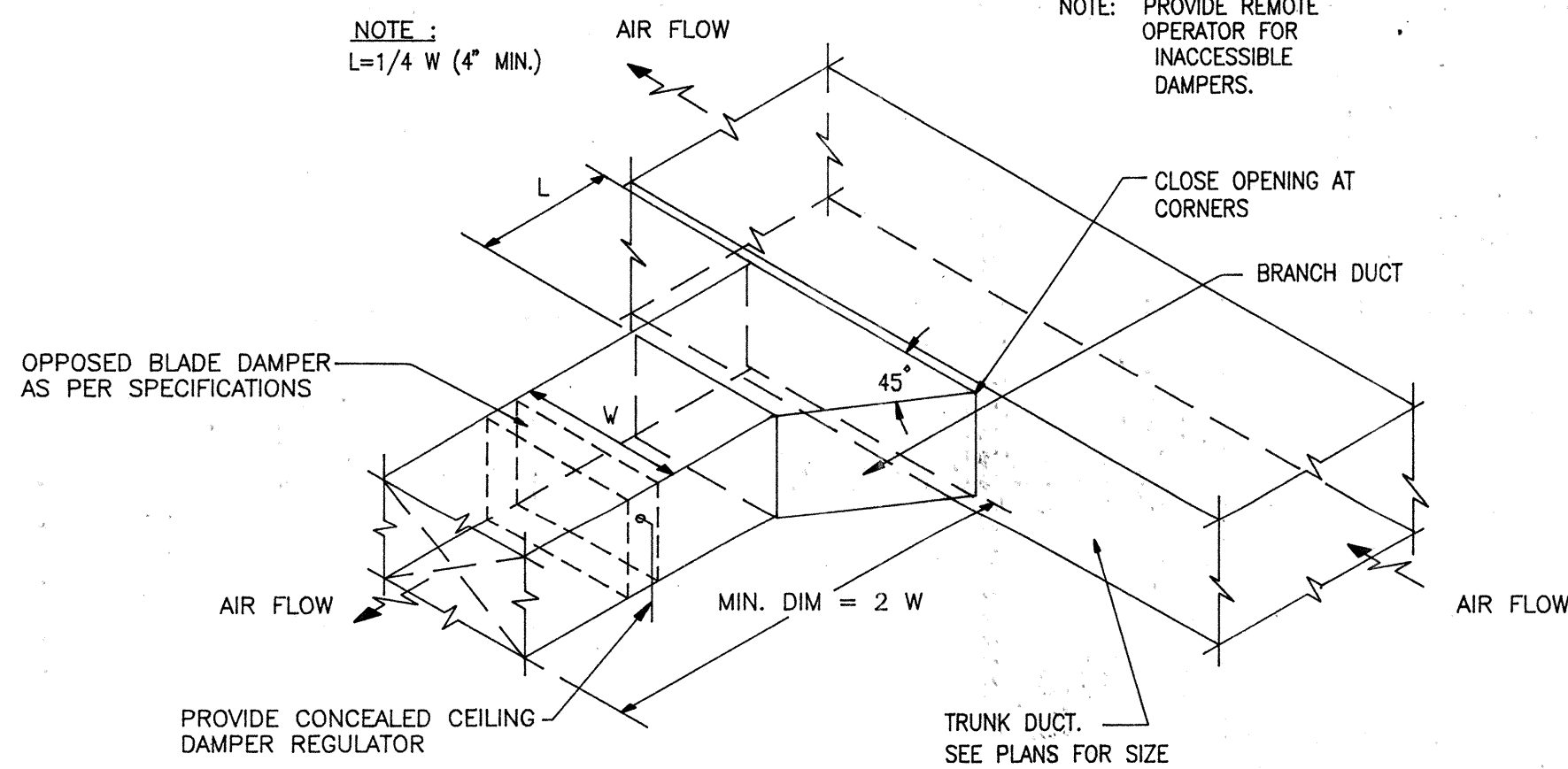


DETAIL NOTES:

- SET ROOF CURB ON ROOF STRUCTURE. SHIM DEAD LEVEL. 12" MIN. HIGH
- TRANSITION TO CONNECTION SIZES IN DUCT RISE.
- 1" ACOUSTIC LINER IN SUPPLY & RETURN. DUCTS FROM FAN DISCHARGE TO POINT INDICATED ON MECHANICAL DWGS. (10'-0" MIN.) DUCT SIZES INDICATED ON PLAN ARE INSIDE CLEAR AND INCLUDE LINING.
- REFER TO STRUCTURAL DWGS. FOR JOISTS LOCATIONS, ETC.
- PACK OPENING BETWEEN ROOF DECK AND DUCTS WITH FIBERGLASS INSULATION.
- SMOKE DETECTOR IN SUPPLY DUCT SEE ROOF TOP UNIT SCHEDULE.
- GAS CONNECTION WITH GAS COCK, UNION AND DIRTLES. REFER TO PLAN FOR GAS PIPE SIZES.
- FILL ROOF CURB WITH 6" THICKNESS OF BLANKET INSULATION.
- CONDENSATE DRAIN WITH CLEANOUT AND 4" DEEP SEAL TRAP.
- SUPPLY/RETURN DUCT SEE MECHANICAL FLOOR PLANS FOR SIZING.
- RUN AND SIZE CONDENSATE AS SHOWN ON MECHANICAL/PLUMBING FLOOR PLANS.
- SPLASH PAD AS REQUIRED.

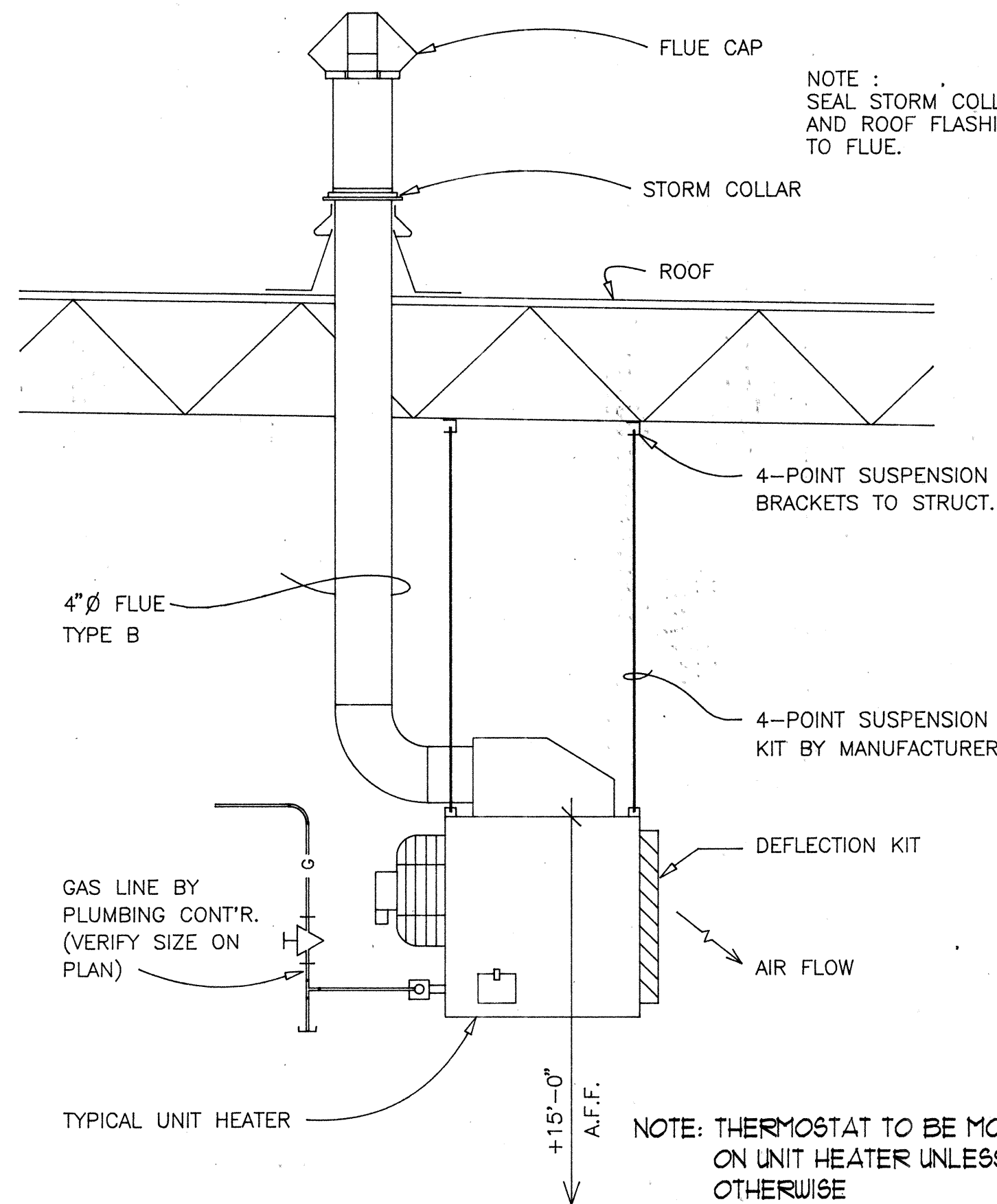
ROOF TOP CURB DETAIL

NO SCALE



BRANCH DUCT TAKE-OFF DETAIL

NO SCALE



GAS UNIT HEATER DETAIL

NO SCALE

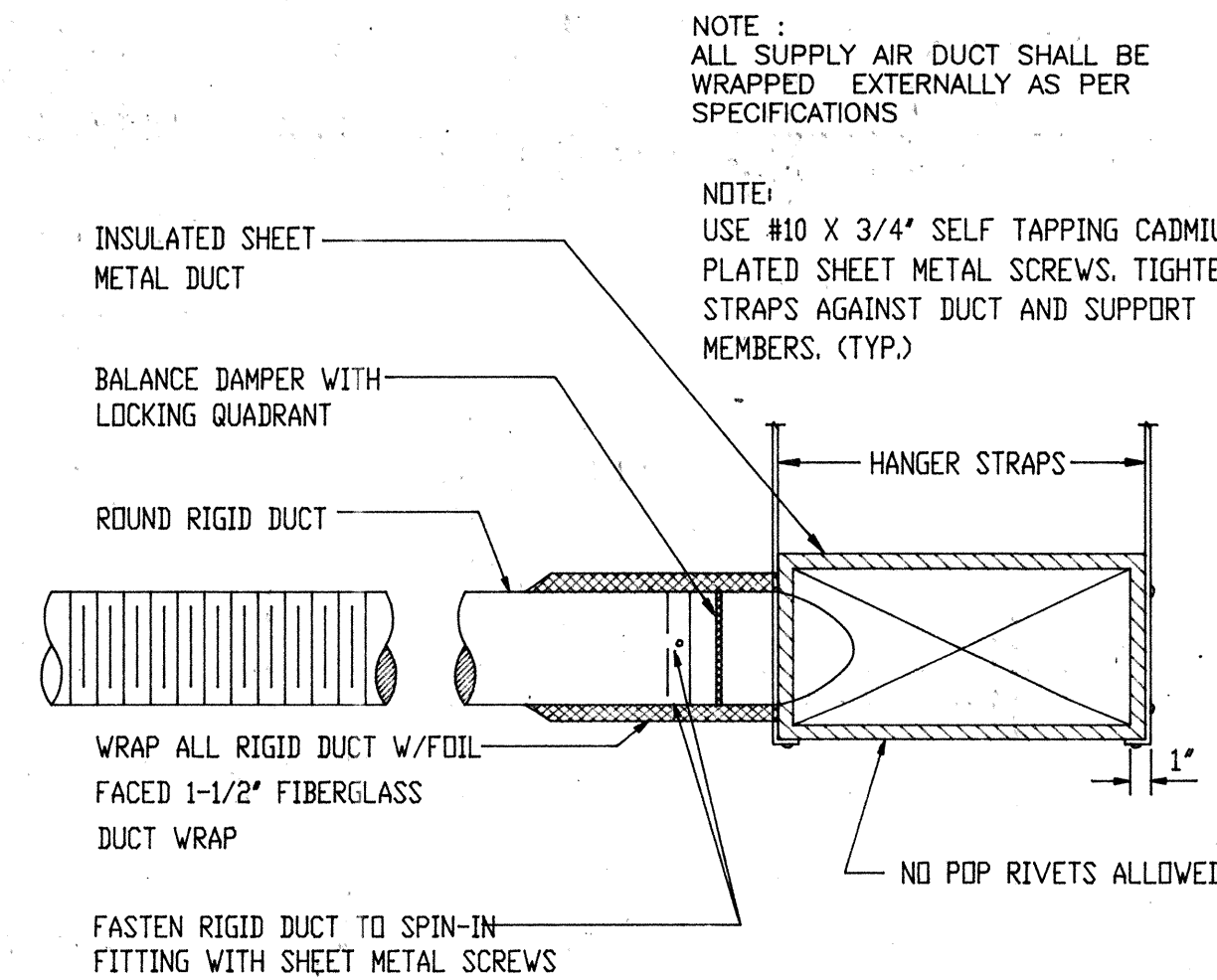
DIMENSION OF LONGEST SIDE, INCHES	SHEET METAL GAGE (ALL FOUR SIDES)	MINIMUM REINFORCING ANGLE SIZE AND MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS & OR INTERMEDIATE REINFORCING	MIN. IN.	TRANSVERSE REINFORCING (1)									
				AT JOINTS									
				DRIVE SLIP	HEMMED S SLIP	ALTER'NT BAR SLIP	REIN-FORCED BAR SLIP	BAR SLIP	STAND. SEAM	POCKET LOCK	REINFORCED ANGLE SLIP	REINFORCED ANGLE SLIP	POCKET LOCK
UP THRU 12	26	NONE REQUIRED	1	26	26	24	24	24	NOT REQ.	NOT REQ.	24	NOT REQ.	24
13 - 18	24	NONE REQUIRED	1	24	24	24	24	24	NOT REQ.	NOT REQ.	24	NOT REQ.	24
19 - 30	24	1"x1"x1/8" @ 60 IN	1	24	24	24	24	24	NOT REQ.	NOT REQ.	24	NOT REQ.	24
31 - 42	22	1"x1"x1/8" @ 60 IN	1	22	22	22	22	22	NOT REQ.	NOT REQ.	22	NOT REQ.	22
43 - 54	22	1 1/2"x1 1/2"x1/8" @ 60 IN	1 1/2	22	22	22	22	22	NOT REQ.	NOT REQ.	22	NOT REQ.	22
55 - 60	20	1 1/2"x1 1/2"x1/8" @ 60 IN	1 1/2	20	20	20	20	20	NOT REQ.	NOT REQ.	20	NOT REQ.	20
61 - 84	20	1 1/2"x1 1/2"x1/8" @ 30 IN	1 1/2	20	20	20	20	20	1 1/2"x1 1/2"x1/8	1 1/2"x1 1/2"x1/8	22	1 1/2"x1 1/2"x1/8	22

(1) TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.

(2) LONGITUDINAL JOINTS TO BE PITTSBURG OR SNAP LOCK TYPE.

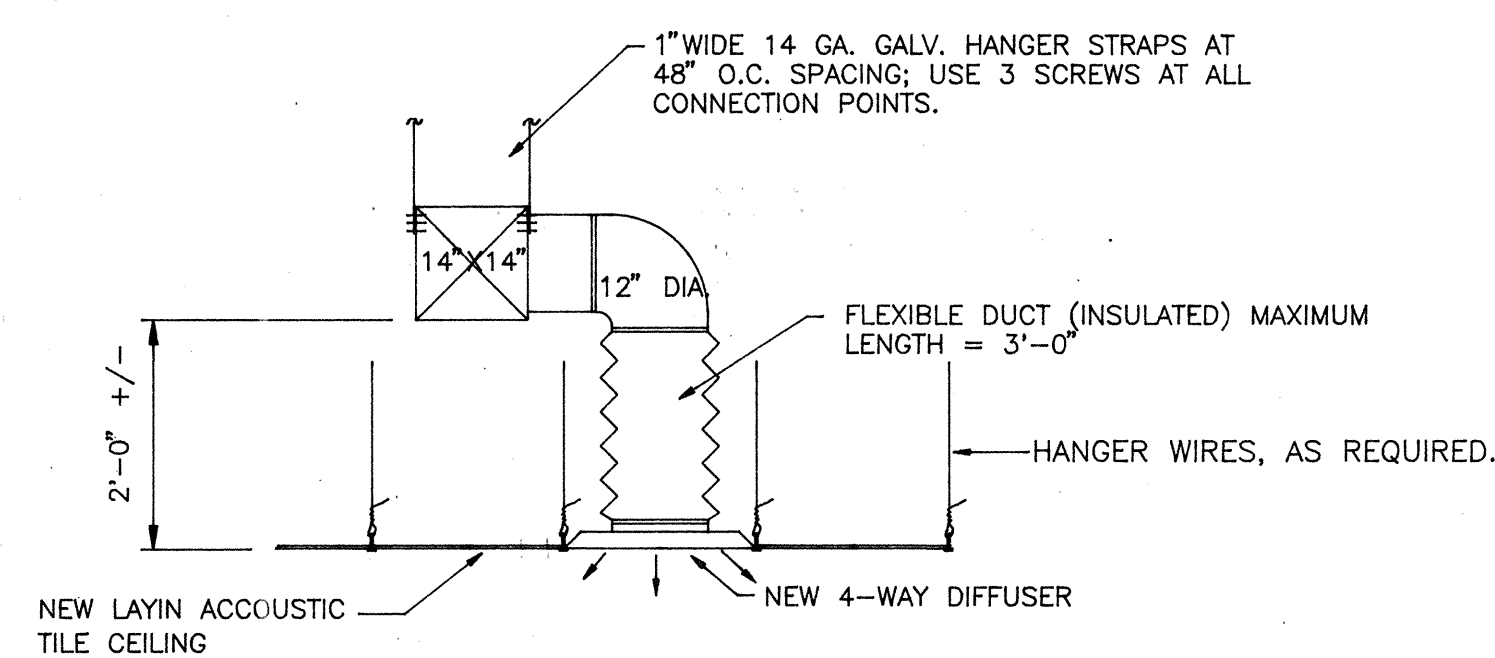
DUCT CONSTRUCTION DETAIL

SCALE: NONE



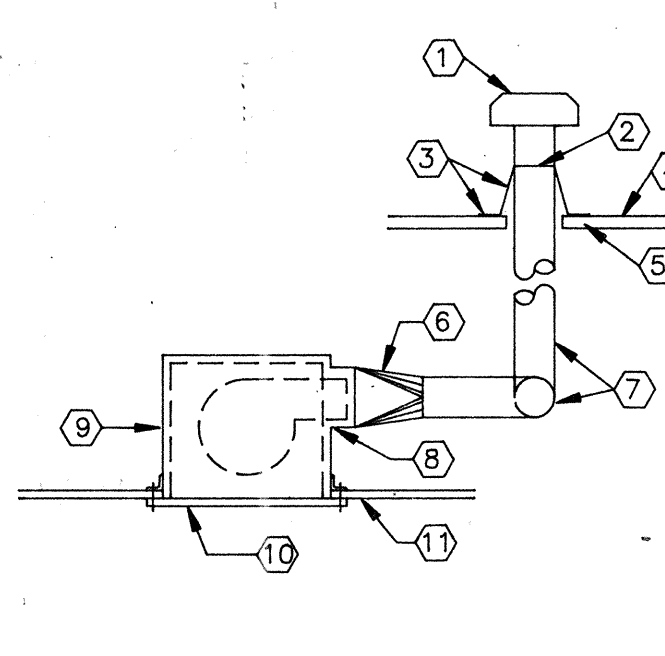
FLEX DUCT WITH SPIN IN FITTING

NO SCALE



TYPICAL DIFFUSER DETAIL

SCALE : 1/2" = 1'-0"



EXHAUST FAN DETAIL

SCALE : NONE

NOTE :
ALL SUPPLY AIR DUCT SHALL BE WRAPPED EXTERNALLY AS PER SPECIFICATIONS

NOTE:
USE #10 X 3/4" SELF TAPPING CADMIUM PLATED SHEET METAL SCREWS. TIGHTEN ALL STRAPS AGAINST DUCT AND SUPPORT MEMBERS. (TYP.)

HANGER SIZES FOR RECTANGULAR DUCT

MAX SIDE	HANGER	HORIZONTAL SUPPORT ANGLE	MAX SPACING
30"	1"x18" GAGE STAP	NONE REQUIRED	10'-0"
36"	1 1/4" ROUND ROD	1 1/2"x1 1/2"x1/2"	8'-0"
48"	1 1/4" ROUND ROD	2"x2"x1/8"	8'-0"
60"	3/16" ROUND ROD	2"x2"x1/8"	8'-0"
84"	3/8" ROUND ROD	2"x2"x1/8"	8'-0"

ROOFTOP HEATING COOLING UNIT

UNIT NO.	CFM	EXT S.P.	COOLING MBH	HEAT INPUT MBH	HEAT OUTPUT MBH	UNIT WEIGHT	ELECTRICAL CHARACTERISTICS								MIN OIL AMP	MAX FUSE AMP	DUEL ELE FUSE SIZE	VOLTS	O	HZ
							COMPRESSOR	OUTDOOR FAN	INDOOR FAN	# HP	RLA	# HP	FLA	# HP	FLA					
RT-1,RT-2	3000	1.00"	92.0	120	97	1,000	1 7.5/27.0	164	1	0.5	3.4	1	2.0	8.8	46.0	60	---	208	3	60

NOTES: ① AT SEA LEVEL ② TRANE MODEL NO. YCD090C3M4AWL, EER 9.0 EFF RATING AFUE 81% MIN. FACTORY INSTALLED SMOKE DETECTORS SHALL BE PROVIDED & CONNECTED PER UMC

GAS FIRED UNIT HEATER SCHEDULE *

UNIT NO.	LOCATION	INPUT B.T.U.	OUTPUT B.T.U.	C.F.M.	TEMP OF ENT	EXT. LGV	S.P. H ₂ O	MOTOR H.P.	R.P.M.	FAN TYPE	FLUE SIZE	MAKE AND MODEL NUMBER
UH-1	OVERHEAD DOOR	50,000	37,500	530	---	---	---	1/40	1550	PROP	4"	HASTINGS F-50

* EFF RATING : AFUE 80%

EXHAUST FAN SCHEDULE

SYMBOL	NO. REQ'D	LBS. WT.	LOCATION	C.F.M.	TOTAL S.P.	R.P.M.	MOTOR	ROOF OF WALL OPENING	COMMENTS
EF-1	1	21	RESTROOM	90	.125"	1050	50 WATTS 120/1/60	CEILING MOUNT	PENN ZEPHYR MODEL NO. Z-6 c/w ROOF CAP

PLUMBING FIXTURE SCHEDULE

LEGEND	SYMBOL	FIXTURE	WASTE	VENT	TRAP	C.W.	H.W.	COMMENTS
P-1	○	WATER CLOSET	4"	2"	4"	1/2"	---	
P-2	□	HAND SINK	1 1/2"	1 1/2"	1 1/2"	1/2"	1/2"	
P-3	⊗	SERVICE SINK	3"	2"	3"	3/4"	3/4"	FLOOR TYPE
P-4	⊗	FLOOR DRAIN	2"	2"	2"	---	---	
P-5	---	NOT USED	---	---	---	---	---	
P-6	+	HOSE BIBB	---	---	---	3/4"	---	FREEZE-PROOF
P-7	□	BREAK SINK	2"	1 1/2"	1 1/2"	1/2"	1/2"	W/ WATER SPOUT FOR DRINKING WATER
WH-1	⊙	WATER HEATER	---	---	---	3/4"	3/4"	ELECTRIC INPUT 20 GAL 2 KW 208/1/60

① WATER HEATER MUST MEET REQUIREMENTS OF ENERGY CODE AND SUPPLY TEMPERATURE TO BE SET AT 105° F. MIN. EFF.
② MINIMUM WASTE LINE SIZE BELOW GRADE TO BE 2"

LEGEND	
SYMBOL	DESCRIPTION
	BRANCH DUCT TAKE-OFF
	BRANCH DUCT TAKE-OFF
	DUCT TEE CONNECTION
	ROUND TO RECTANGULAR DUCT TRANSITION
	OPPOSED BLADE VOLUME DAMPER W/ CONCEALED CEILING DAMPER REGULATOR
	THERMOSTAT

RECORD SET
REASONABLE LEVEL OF ACCURACY CAN BE EXPECTED, BUT NO WARRANTY OF 100% ACCURACY IS MADE OR IMPLIED
SEPT. 10, 1998

CONTRACTOR VERIFIED AS-BUILTS - AUG. 25, 1998

VINCENT DESIGN GROUP
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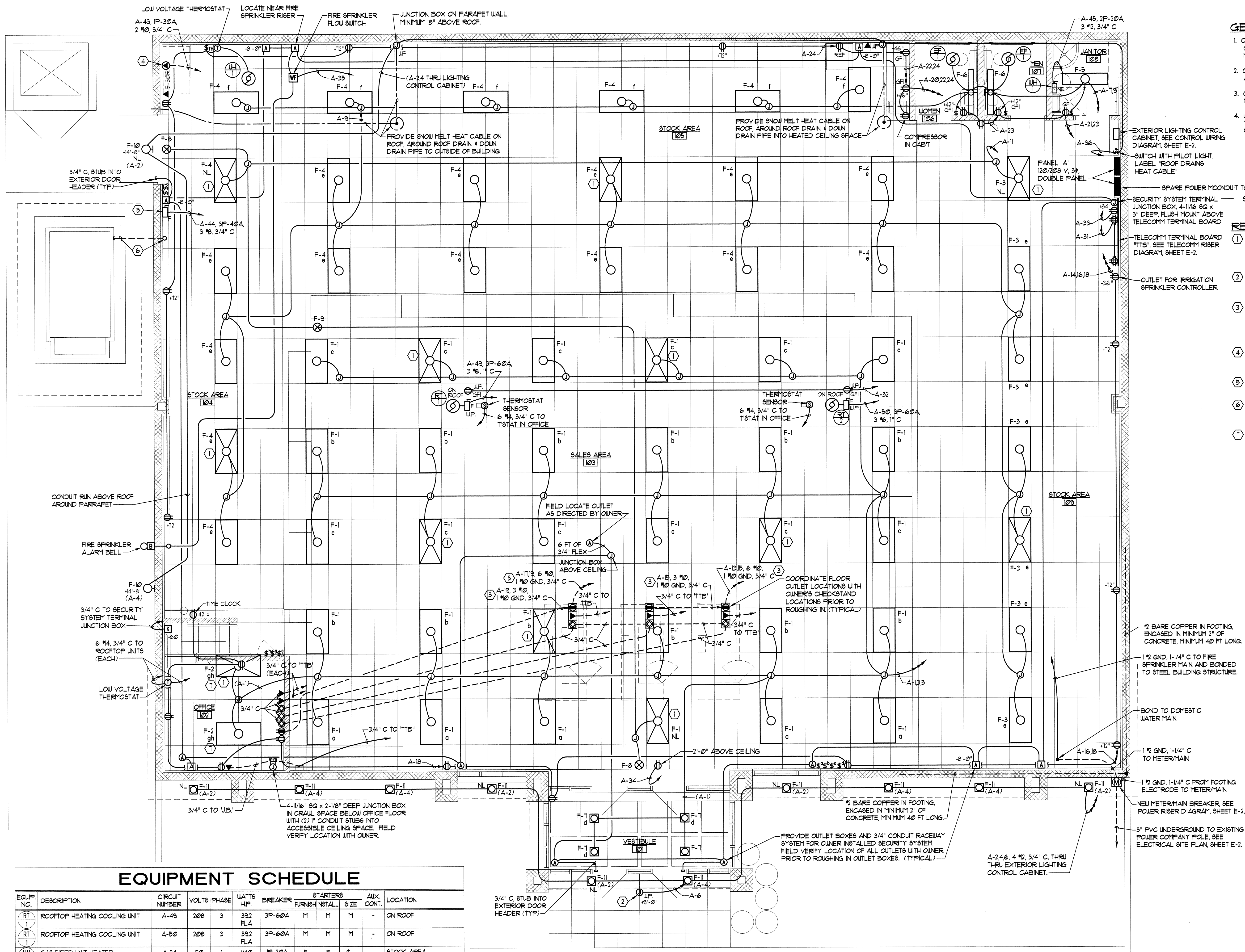
GEORGE D. SMITH
PROFESSIONAL ENGINEER
NO. 2000
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SALT LAKE CITY, UTAH
84115 (801) 484-2046

NEW BUILDING :
STATE LIQUOR STORE
ALCOHOLIC BEVERAGE CONTROL
DFCM PROJECT NO. AB
LIQUOR STORE #26
3900 WEST 5400 SOUTH
TAYLORSVILLE, UTAH
MECHANICAL DETAILS AND SCHEDULES

DATE AUG 11, 1997	SHEET
FILE NO. 97-XX	M-2
DRAWN BY GDS	
CHECKED BY JV	
	SHEET OF SHEETS

State Liquor Store #26, Taylorsville - AB 97.047
Mechanical Details & Schedules - 1221
00001QNH



- GENERAL NOTES:**
- COORDINATE FUTURE LOCATIONS WITH ARCHITECT'S REFLECTED CEILING PLAN, CEILING CONTRACTOR, BUILDING STRUCTURE, MECHANICAL EQUIPMENT & DUCTWORK LOCATIONS, ETC.
 - COORDINATE LOCATION OF OUTLETS WITH OWNER'S FURNITURE AND EQUIPMENT LOCATIONS PRIOR TO ROUGHING IN OUTLETS.
 - COORDINATE MECHANICAL EQUIPMENT LOCATIONS WITH MECHANICAL PLANS AND MECHANICAL CONTRACTOR.
 - WHERE BRANCH CIRCUIT HOMERUNS INDICATE WIRE SIZES, USE THAT SIZE WIRE THROUGHOUT THE BRANCH CIRCUIT, INCLUDING SWITCH LEGS, ETC.
- REFERENCE NOTES:**
- PROVIDE EMERGENCY FLUORESCENT BATTERY PACK IN FIXTURES INDICATED AND CONNECT TO THE SAME BRANCH CIRCUIT AS THE FIXTURE. AHEAD OF ANY LOCAL SWITCHES. SEE SPECIFICATION SECTION 16500 FOR EMERGENCY BATTERY PACK REQUIREMENTS.
 - PROVIDE WEATHERPROOF JUNCTION BOX IN BUILDING FACIA AND CONNECT TO OWNER FURNISHED SIGNAL FIELD VERIFY LOCATION WITH OWNER PRIOR TO ROUGHING IN.
 - PROVIDE A SEPARATE NEUTRAL AND A SEPARATE INSULATED GREEN GROUND WIRE FOR EACH BRANCH CIRCUIT TO ISOLATED GROUND OUTLETS. PROVIDE ADDITIONAL SAFETY GROUND WHERE CIRCUIT IS INSTALLED IN PVC CONDUIT IN ACCORDANCE WITH NEC ARTICLE 250-74, EXCEPTION NO. 4 AND FINE PRINT NOTE.
 - OUTLET FOR TRASH COMPACTOR. PROVIDE MATING PLUG AND CONNECT TO TRASH COMPACTOR USING 2 #10 W/GND TYPE 'SO' 6000 VOLT EXTRA HARD USAGE CORD.
 - PROVIDE FUSED DISCONNECT SWITCH AND CONNECT TO 5 HP HYDRAULIC PUMP UNIT AND CONTROLS FOR SCISSOR LIFT.
 - PROVIDE 4" GRC CONDUIT UNDERGROUND FROM BUILDING TO SCISSOR LIFT PIT FOR SCISSOR LIFT HYDRAULIC LINES. SEE ARCHITECT'S DETAIL A/A-5.
 - CONNECT F-2 FIXTURES IN OFFICE WITH OUTBOARD LAMPS CONTROLLED BY ONE SWITCH AND INBOARD LAMP(S) CONTROLLED BY SECOND SWITCH AND CIRCUIT.

RECORD SET
 REASONABLE LEVEL OF ACCURACY CAN BE EXPECTED, BUT NO WARRANTY OF 100% ACCURACY IS MADE OR IMPLIED
 SEPT. 10, 1998

CONTRACTOR VERIFIED AS-BUILTS - AUG. 25, 1998

VINCENT DESIGN GROUP
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 84115 (801) 484-2046

NEW BUILDING:
STATE LIQUOR STORE

ALCOHOLIC BEVERAGE CONTROL
 DFCM PROJECT NO. AB: 97-041
 LIQUOR STORE #26
 3925 WEST 5400 SOUTH
 TAYLORSVILLE, UTAH

ELECTRICAL PLAN

DATE: AUG. 22, 1997
 FILE NO. 97-30
 DRAWN BY: W.B.G.
 CHECKED BY: R.G.K.

SHEET
E-1
 SHEET 1 OF 2 SHEETS

EQUIPMENT SCHEDULE

EQUIP. NO.	DESCRIPTION	CIRCUIT NUMBER	VOLTS	PHASE	WATTS H.P.	BREAKER	STARTERS FURNISH/INSTALL	SIZE	AUX. CONT.	LOCATION
RT 1	ROOFTOP HEATING COOLING UNIT	A-49	208	3	392 FLA	3P-60A	M M M	M	-	ON ROOF
RT 1	ROOFTOP HEATING COOLING UNIT	A-50	208	3	392 FLA	3P-60A	M M M	M	-	ON ROOF
UH 1	GAS FIRED UNIT HEATER	A-24	120	1	1/40 H.P.	1P-20A	E E \$	\$	TH	STOCK AREA
EF 1	CEILING EXHAUST FAN	A-7	120	1	50 WATTS	1P-20A	E E \$	\$	-	MEN, WOMEN
WH 1	ELECTRIC WATER HEATER	A-45	208	1	2,000 WATTS	2P-20A	M M M	M	-	JANITOR

E - ELECTRICAL CONTRACTOR
 M - MECHANICAL CONTRACTOR

ELECTRICAL PLAN
 SCALE: 1/4" = 1'-0"



10,000 AIC, FULLY RATED				DOUBLE PANEL			PANEL 'A', SECTION I					
CUTLER HAMMER TYPE PRL1A, 'BAB' BREAKERS							120/208 VOLT, 3 PHASE, 4 WIRE					
3 POLE 225 AMP MAIN LUGS							FLUSH MOUNTED					
CKT NO.	BREAKER	NO. LUGS	NO. OUT-LETS	LOAD - VA			REMARKS					
	POLES	AMPS		PHASE A	PHASE B	PHASE C						
1	1	20	11	1,140			SALES, VESTIBULE & OFFICE LIGHTS					
2			12	650			EXTERIOR NIGHT LIGHTS & CONTROL					
3			6		1,440		SALES AREA LIGHTS					
4			6		650		EXTERIOR BUILDING LIGHTS					
5			12			1,440	SALES AREA LIGHTS					
6						1,200	EXTERIOR BUILDING SIGN					
7			9	700			JAN, MEN, WOMEN, BREAK AREA LIGHTS					
8				1,200			PLANTING AREA SIGN					
9			20		1,380		STOCK AREA LIGHTS					
10							SPARE					
11			6			300	EXIT & NIGHT LIGHTS					
12							SPARE					
13			1	200			CHECKSTAND #1 FLOOR OUTLET					
14			4	800			WEST STOCK AREA OUTLETS					
15			1		200		CHECKSTAND #2 FLOOR OUTLET					
16			3		600		NORTH SALES AREA OUTLETS					
17			1			200	CHECKSTAND #3 FLOOR OUTLET					
18			5			1,000	OFFICE OUTLETS					
19			1	200			OFFICE TO OUTLET					
20			1	1,500			BREAK COUNTER OUTLET					
21			2		400		JANITOR & MEN'S OUTLETS					
22			2		1,500		BREAK COUNTER & REFRIG. OUTLETS					
23			2			400	WOMEN'S & STOCK OUTLETS					
24			5			1,050	SOUTH & EAST STOCK OUTLETS & UH/1					
25							SPARE					
26							SPARE					
27	1	20					SPARE					
28	2	20	4			960	PARKING LOT POLE LIGHTS					
29	1	20					SPARE					
30	-	-				960	SPARE					
				6,390	7,130	6,550						
TOTAL LOAD:				20,070 VA	FEEDER: 4 #3/0, 1 #2 GND, 2" C							
				56 AMPS								

EXTERIOR LIGHTING CONTROL EQUIPMENT:

CBI CONTROL CIRCUIT BREAKER, 120 VOLT, 5 AMP THERMAL MAGNETIC TRIP, RAIL MOUNTED, SQUARE D CLASS 9080, TYPE GCBB0. INSTALL IN CABINET.

SS1 SELECTOR SWITCH, 3 POSITION, MAINTAINED CONTACT, 2 NO, 4 NC CONTACTS, SQUARE D CLASS 9001, TYPE KS43BH2 WITH 9001-KN360 "HAND-OFF-AUTO" ALUMINUM LEGEND PLATE. INSTALL IN COVER OF CABINET.

FC1 PHOTOCELL, 2000 WATT, 120 VOLT, WITH SPST CONTACTS, TORK #2101 OR EQUAL. INSTALL OUTSIDE FACING NORTH.

TS1 TIME SWITCH, 120 VAC, ELECTRONIC WITH BATTERY BACKUP, 5 AMP SPST, INTERMATIC MODEL ET115-C OR EQUAL. INSTALL ADJACENT TO CABINET.

LC1 LIGHTING CONTACTOR, ELECTRICALLY HELD, 6 POLE 20 AMP, 120 VAC COIL, SQUARE D CLASS 8903, TYPE L060-V02 OR EQUAL. INSTALL IN CABINET.

LC2 LIGHTING CONTACTOR, ELECTRICALLY HELD, 4 POLE 20 AMP, 120 VAC COIL, SQUARE D CLASS 8903, TYPE L040-V02 OR EQUAL. INSTALL IN CABINET.

LIGHTING CONTROL CABINET, 12" W x 16" H x 6" D, NEMA 1 ENCLOSURE WITH HINGED FRONT COVER FLUSH LATCH AND EQUIPMENT MOUNTING PANEL, WEGMAN N1C-121606 OR EQUAL.

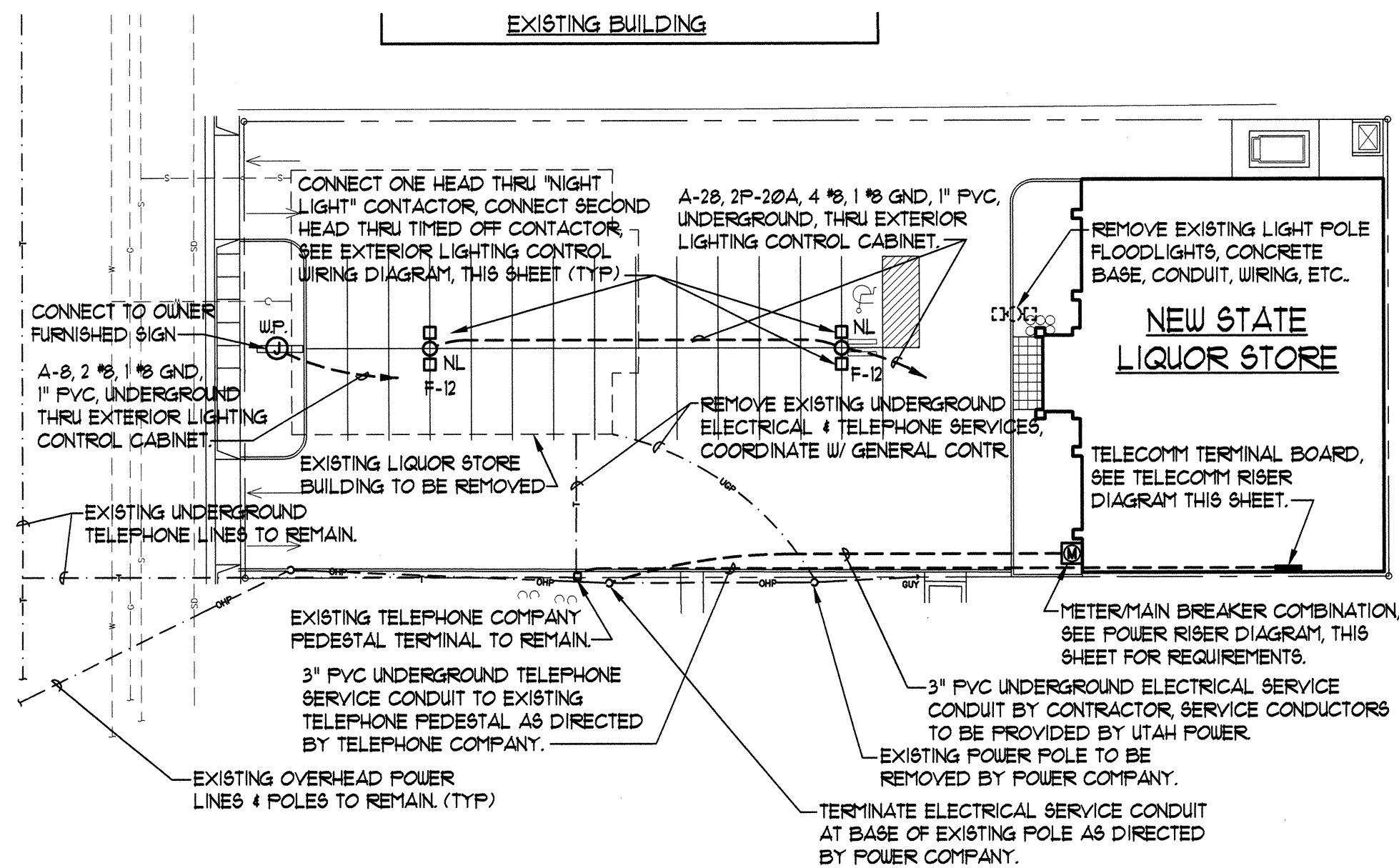
TERMINAL BLOCKS, 600 VOLT, FOR #2-#6 CONDUCTORS, PROVIDE WITH MOUNTING RAIL, END BARRIERS, ETC. AS REQUIRED, SQUARE D CLASS 9080, TYPE GR6 OR EQUAL. INSTALL IN CABINET AS REQUIRED FOR TERMINATION OF ALL CONDUCTORS TO OUTSIDE OF CABINET.

CONTROL NOTES:

- USE MINIMUM #14 STRANDED WIRE FOR ALL CONTROL CONDUCTORS. LABEL WIRE ACCORDING TO NUMBER ON CONTROL DIAGRAM. SEE SPECIFICATION SECTION 16195.
- REFER TO ELECTRICAL PLANS FOR POWER WIRE SIZES. LABEL POWER WIRING ACCORDING TO CIRCUIT NUMBER.
- PROVIDE ENGRAVED NAMEPLATE FOR "EXTERIOR LIGHTING CONTROL CABINET" IN ACCORDANCE WITH SPECIFICATION 16195. PROVIDE SELF-ADHESIVE LABEL TO INCLUDE CIRCUIT NUMBERS OF ALL CONTROL AND POWER CIRCUITS.
- PROVIDE SELF-ADHESIVE LABELS TO IDENTIFY ALL CONTROL DEVICES ACCORDING TO WIRING DIAGRAM.
- PROVIDE DEVICES AS SPECIFIED OR EQUAL OF ACCEPTABLE MANUFACTURERS LISTED IN SPECIFICATION SECTION 16480.

EXTERIOR LIGHTING CONTROL WIRING DIAGRAM

SCHEMATIC

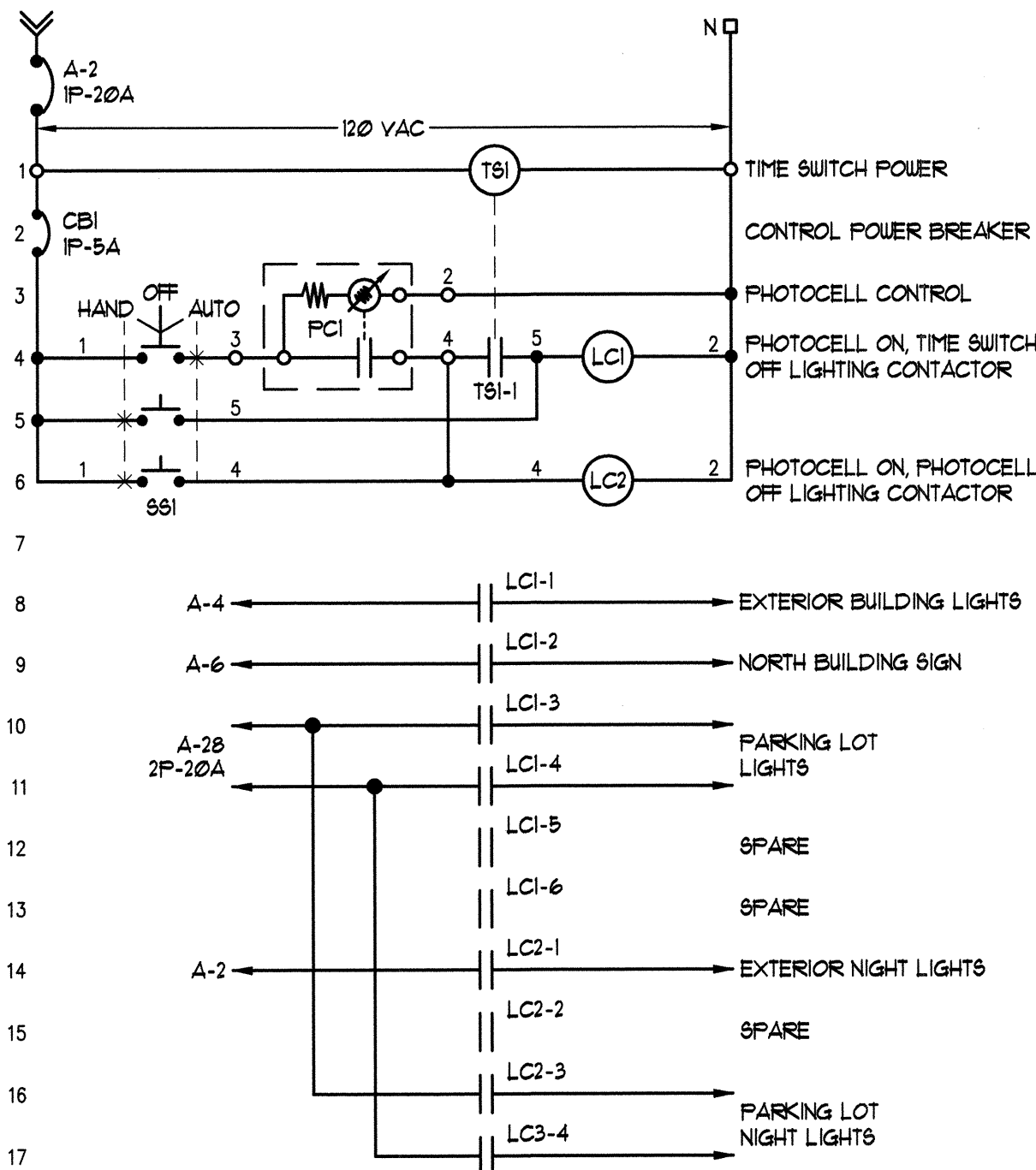


ELECTRICAL SITE PLAN

SCALE: 1" = 30'-0"

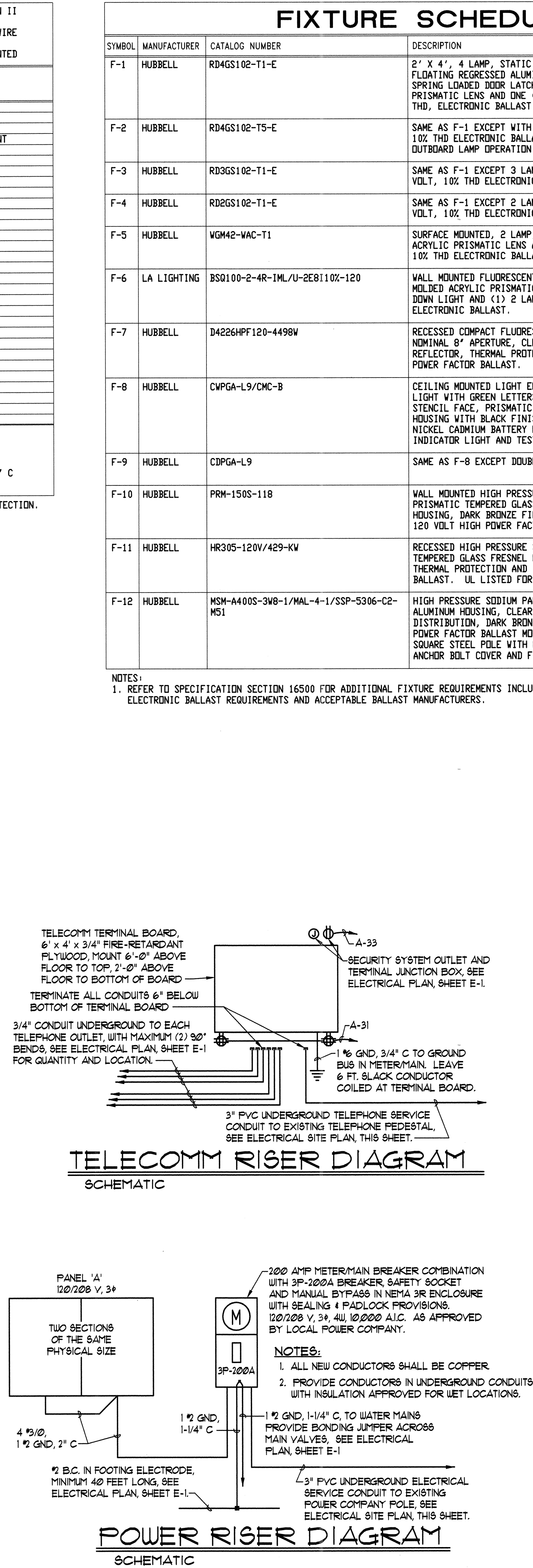
10,000 AIC, FULLY RATED				DOUBLE PANEL		PANEL 'A', SECTION II					
CUTLER HAMMER TYPE PRL1A, 'BAB' BREAKERS				120/208 VOLT, 3 PHASE, 4 WIRE							
3 POLE 225 AMP MAIN LUGS				FLUSH MOUNTED							
CKT NO.	BREAKER	AMPS	NO. LUG HTS	NO. OUT-LETS	LOAD - VA			REMARKS			
					PHASE A	PHASE B	PHASE C				
31	1	20		4	800			TELECOMM BOARD OUTLETS			
32				2	400			OUTLETS ON ROOF			
33						200		SECURITY SYSTEM OUTLET			
34				1		200		OUTLET ABOVE CEILING @ FRONT			
35	1	20					200	FIRE SPRINKLER ALARM BELL			
36	1	#20					800	ROOF DRAINS HEAT CABLE			
37		20						SPARE			
38								SPARE			
39								SPARE			
40								SPARE			
41								SPARE			
42	1	20						SPARE			
43	1	30		1	2,000			TRASH COMPACTOR			
44	3	40			2,100			HYDRAULIC SCISSOR LIFT			
45	2	20				1,000		ELECTRIC WATER HEATER WH/1			
46	-	-				2,100		-			
47	-	-					1,000	-			
48	-	-					2,100	-			
49	3	60			4,705			EAST ROOFTOP UNIT RTU/1			
50	3	60			4,705			WEST ROOFTOP UNIT RTU/2			
51	-	-				4,705		-			
52	-	-				4,705		-			
53	-	-					4,705	-			
54	-	-					4,705	-			
55	1							SPACE			
56											
57											
58											
59											
60	1							SPACE			
SECTION II					14,710	12,910	13,510				
SECTIONS I & II					21,100	20,040	20,060				
TOTAL LOADS:											
SECTION II:					41,130 VA	114 AMPS	FEEDER: 4 #3/0, 1 #2 GND, 2" C				
SECTIONS I & II					61,200 VA	170 AMPS					

* PROVIDE BREAKER FOR SNOW MELT HEAT CABLE WITH 30 mA EQUIPMENT GROUND FAULT PROTECTION.



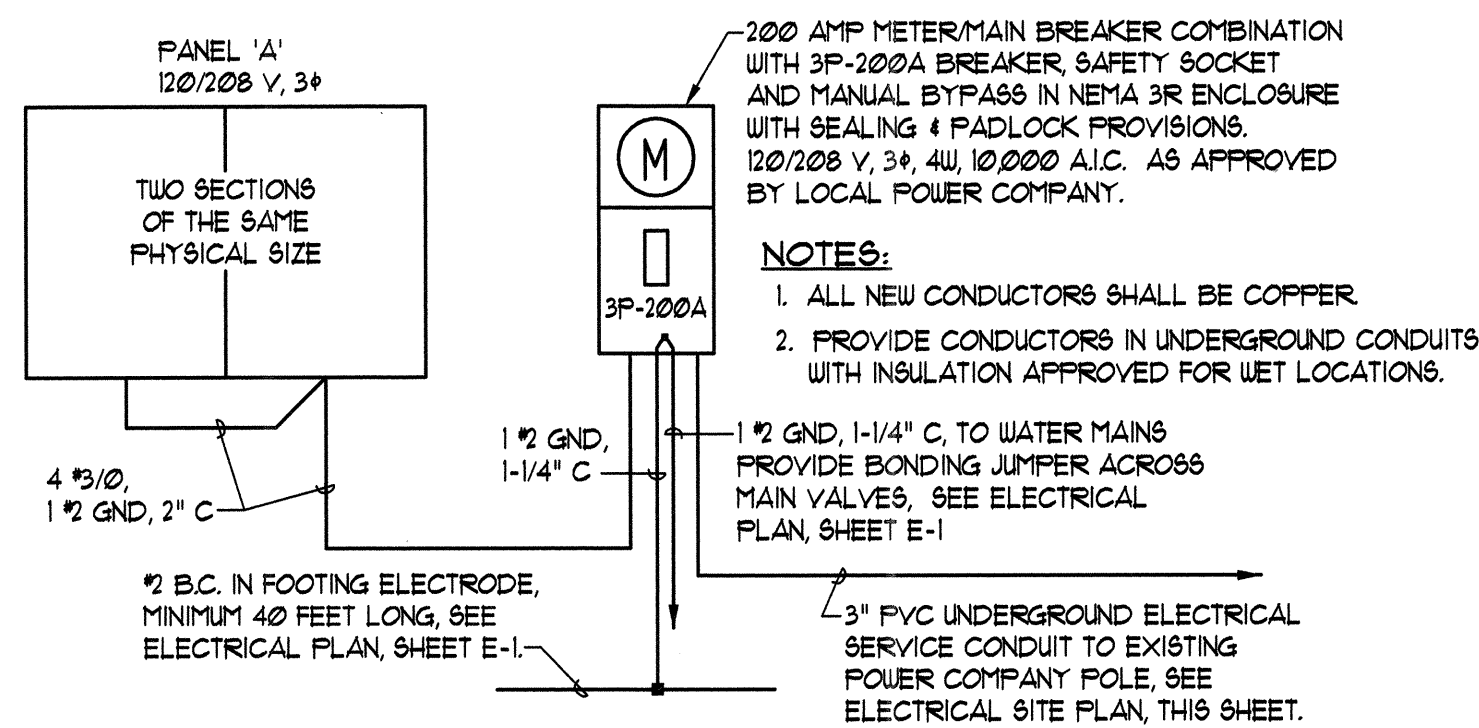
GENERAL SITE NOTES:

- BURY ALL UNDERGROUND CONDUITS OUTSIDE OF BUILDING MINIMUM 24" BELOW FINISH GRADE WITH RED MAGNETIC WARNING TAPE STATING "CAUTION - BURIED ELECTRICAL" MAXIMUM 12 INCHES ABOVE EACH CONDUIT.
- USE GALVANIZED RIGID STEEL CONDUIT (GRC) FOR ALL CONDUIT THROUGH GRADE AND ELBOWS IN PVC CONDUIT RUNS. CORROSION PROTECT GRC CONDUIT IN ACCORDANCE WITH THE SPECIFICATIONS.
- PROVIDE MINIMUM 36" RADIUS GRC ELBOWS FOR NEW ELECTRICAL AND TELEPHONE SERVICE CONDUITS.
- PROVIDE 1/4" NYLON PULL ROPE IN NEW ELECTRICAL AND TELEPHONE SERVICE CONDUITS.
- COORDINATE ELECTRICAL SITE WORK WITH GENERAL SITE PLAN, SHEET C-1, GENERAL CONTRACTOR, MECHANICAL CONTRACTOR AND LANDSCAPING CONTRACTOR. INSTALL UNDERGROUND CONDUITS SUCH THAT CONDUITS WILL NOT BE DAMAGED BY SUBSEQUENT INSTALLATION OF TREES AND SHRUBBERY.
- COORDINATE INSTALLATION OF ELECTRICAL SERVICE AND METERING WITH LOCAL POWER COMPANY PRIOR TO BEGINNING WORK. CONTACT UTAH POWER, SCOTT D'ONOVELLI, 914-1008.
- INCLUDE \$100,000 FEE FOR INSTALLATION OF UNDERGROUND ELECTRICAL SERVICE, PAYABLE TO UTAH POWER.
- COORDINATE INSTALLATION OF NEW TELEPHONE SERVICE WITH LOCAL TELEPHONE COMPANY PRIOR TO BEGINNING WORK. CONTACT US, WEST COMMUNICATIONS, VALERIE SPROLL, 914-8402.



TELECOMM RISER DIAGRAM

SCHEMATIC



POWER RISER DIAGRAM

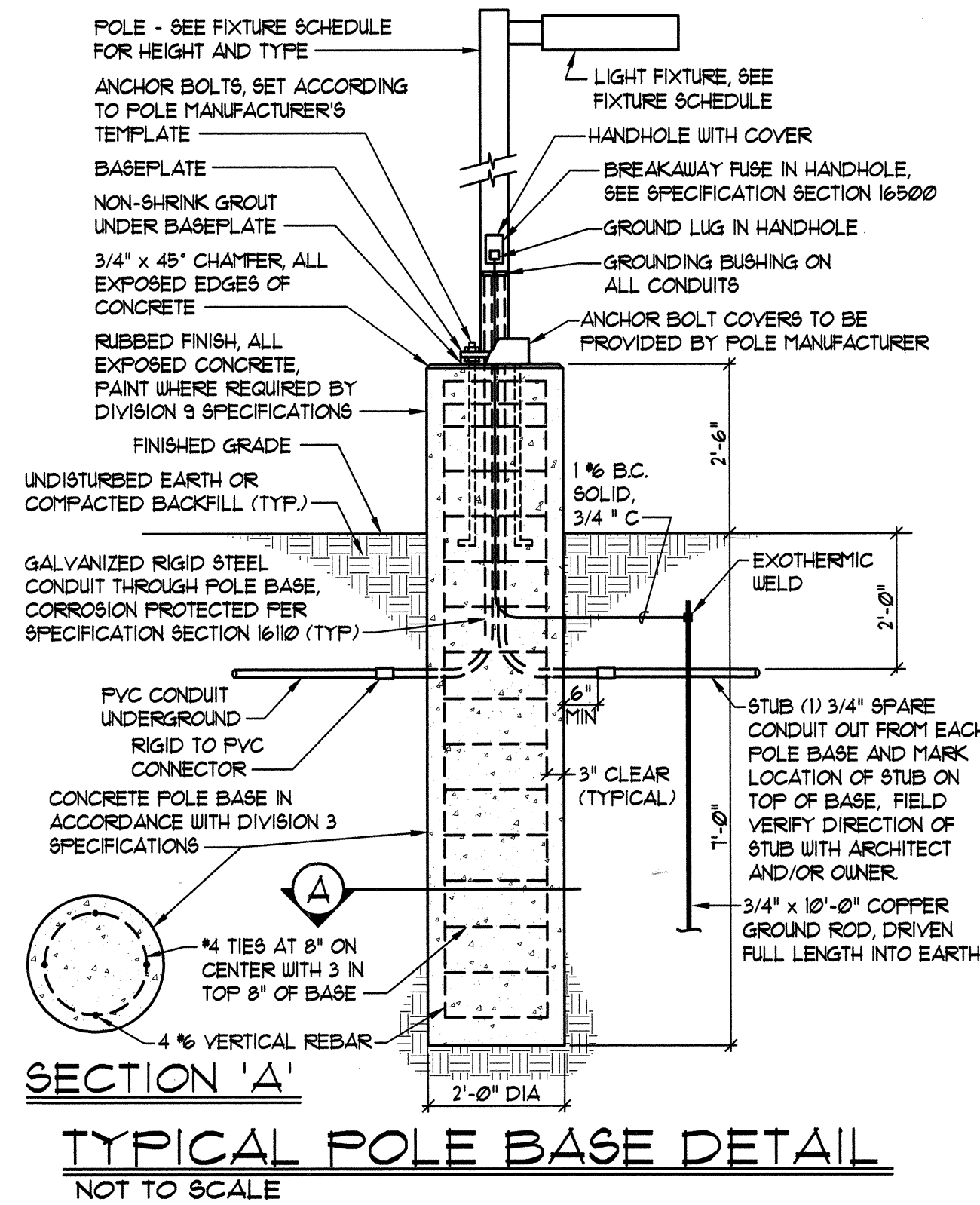
SCHEMATIC

FIXTURE SCHEDULE

SYMBOL	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMP
F-1	HUBBELL	RD4GS102-T1-E	2' X 4', 4 LAMP, STATIC FLUORESCENT TROFFER, WITH FLOATING REGRESSED ALUMINUM DOOR, BLACK REVEAL, SPRING LOADED DOOR LATCHES, 0.125" THICK ACRYLIC PRISMATIC LENS AND ONE (1) 4 LAMP, 120 VOLT, 10X THD, ELECTRONIC BALLAST.	4F032T8/35K
F-2	HUBBELL	RD4GS102-T5-E	SAME AS F-1 EXCEPT WITH TWO (2) 2 LAMP 120 VOLT, 10X THD ELECTRONIC BALLASTS WIRED FOR INBOARD/ OUTBOARD LAMP OPERATION.	4F032T8/35K
F-3	HUBBELL	RD3GS102-T1-E	SAME AS F-1 EXCEPT 3 LAMP WITH ONE (1) 3 LAMP 120 VOLT, 10X THD ELECTRONIC BALLAST.	3F032T8/35K
F-4	HUBBELL	RD2GS102-T1-E	SAME AS F-1 EXCEPT 2 LAMP WITH ONE (1) 2 LAMP 120 VOLT, 10X THD ELECTRONIC BALLAST.	2F032T8/35K
F-5	HUBBELL	WGM42-WAC-T1	SURFACE MOUNTED, 2 LAMP, FLUORESCENT FIXTURE WITH ACRYLIC PRISMATIC LENS AND (1) 2 LAMP 120 VOLT, 10X THD ELECTRONIC BALLAST.	2F032T8/35K
F-6	LA LIGHTING	BSQ100-2-4R-IML-U-2E8110X-120	WALL MOUNTED FLUORESCENT FIXTURE WITH INJECTION MOLDED ACRYLIC PRISMATIC LENS, WHITE FINISH, UP & DOWN LIGHT AND (1) 2 LAMP 120 VOLT, 10X THD ELECTRONIC BALLAST.	2F032T8/35K
F-7	HUBBELL	D4226HPF120-4498W	RECESSED COMPACT FLUORESCENT DOWNLIGHT WITH NOMINAL 8" APERTURE, CLEAR SPECULAR ALZAK REFLECTOR, THERMAL PROTECTION AND 120 VOLT HIGH POWER FACTOR BALLAST.	2F26DTT/35K
F-8	HUBBELL	CWPGA-L9/CMC-B	CEILING MOUNTED LIGHT EMITTING DIODE (LED) EXIT LIGHT WITH GREEN LETTERS ON BRUSHED ALUMINUM STENCIL FACE, PRISMATIC DIFFUSER, CAST ALUMINUM HOUSING WITH BLACK FINISH, SEALED MAINTENANCE FREE NICKEL CADMIUM BATTERY PACK WITH CHARGER, INDICATOR LIGHT AND TEST SWITCH.	FURNISHED W/FIXTURE
F-9	HUBBELL	CDPGA-L9	SAME AS F-8 EXCEPT DOUBLE FACED.	FURNISHED W/FIXTURE
F-10	HUBBELL	PRM-150S-118	WALL MOUNTED HIGH PRESSURE SODIUM FIXTURE WITH PRISMATIC TEMPERED GLASS LENS, CAST ALUMINUM HOUSING, DARK BRONZE FINISH, MEDIUM BASE LAMP AND 120 VOLT HIGH POWER FACTOR BALLAST.	150 W HPS
F-11	HUBBELL	HR305-120V/429-KW	RECESSED HIGH PRESSURE SODIUM DOWNLIGHT WITH TEMPERED GLASS FRESNEL LENS, BLACK GROOVED BAFFLE, THERMAL PROTECTION AND 120 VOLT HIGH POWER FACTOR BALLAST. UL LISTED FOR OUTDOOR DAMP LOCATION.	70 W HPS
F-12	HUBBELL	MSH-A400S-3WB-1/MAL-4-1/SSP-5306-C2-MS1	HIGH PRESSURE SODIUM PARKING LOT FIXTURE WITH ALUMINUM HOUSING, CLEAR GLASS LENS, TYPE V LIGHT DISTRIBUTION, DARK BRONZE FINISH AND 208 VOLT HIGH POWER FACTOR BALLAST MOUNTED ON 30 FT, 5" STRAIGHT SQUARE STEEL POLE WITH HANDHOLE COVER, GROUND LUG, ANCHOR BOLT COVER AND FINISH TO MATCH FIXTURE.	400 W HPS

NOTES:

- REFER TO SPECIFICATION SECTION 16500 FOR ADDITIONAL FIXTURE REQUIREMENTS INCLUDING ELECTRONIC BALLAST REQUIREMENTS AND ACCEPTABLE BALLAST MANUFACTURERS.



SECTION 'A'

TYPICAL POLE BASE DETAIL

NOT TO SCALE

SYMBOL LIST

SYMBOL	DESCRIPTION
○	CEILING MOUNTED FIXTURE
○	WALL MOUNTED FIXTURE
○	FLUORESCENT FIXTURE
○	FIXTURE WITH LETTER INDICATING CONTROLLING SWITCH
○	EXIT LIGHT WITH ARROW INDICATING DIRECTION OF EXIT
○	FIXTURE WITH EMERGENCY BATTERY PACK
○	FIXTURE CONNECTED TO NIGHT LIGHT BRANCH CIRCUIT
○	JUNCTION BOX
\$	SINGLE POLE SWITCH
\$	THREE WAY SWITCH
\$	SWITCH WITH LETTER INDICATING CONTROLLED FIXTURES
⊖	DUPLEX CONVENIENCE OUTLET
⊖	OUTLET WITH GROUND FAULT CIRCUIT INTERRUPTER
⊖	OUTLET FOR ELECTRIC WATER COOLER
⊖	SPECIAL PURPOSE OUTLET WITH NEMA DESIGNATION
⊖	ISOLATED GROUND DUPLEX CONVENIENCE OUTLET
⊖	TELEPHONE OUTLET
⊖	COMPUTER OUTLET
⊖	COMBINATION FLOOR OUTLET, POWER, TELEPHONE & COMPUTER
⊖	POWER PANELBOARD, 120/208 VOLT, 3 PHASE
⊖	METER/MAIN BREAKER COMBINATION
⊖	3 PHASE, 4 WIRE HOMERUN INDICATING PANEL AND CIRCUIT NUMBERS
⊖	BRANCH CIRCUIT CONCEALED ABOVE CEILING OR IN WALL
⊖	BRANCH CIRCUIT CONCEALED BELOW FLOOR OR IN WALL
⊖	SNOW MELT HEAT CABLE
⊖	MOTOR
⊖	DISCONNECT SWITCH, 'F' INDICATES FUSED, 'NF' INDICATES NON-FUSED
⊖	MANUAL MOTOR STARTING SWITCH W/ THERMAL OVERLOAD PROTECTION
⊖	THERMOSTAT
⊖	THERMOSTAT SENSOR
⊖	SECURITY SYSTEM CONTROL KEYPAD OUTLET BOX
⊖	SECURITY SYSTEM CEILING MOUNTED OUTLET BOX
⊖	SECURITY SYSTEM WALL MOUNTED OUTLET BOX
⊖	FIRE SPRINKLER SYSTEM FLOW SWITCH
⊖	FIRE SPRINKLER SYSTEM ALARM BELL
⊖	EQUIPMENT SCHEDULE SYMBOL
⊖	FIXTURE SCHEDULE SYMBOL
⊖	REFERENCE NOTE SYMBOL
⊖	ROOM NUMBER
⊖	INDICATES ITEM IN WEATHERPROOF (NEMA 3R MINIMUM) ENCLOSURE

RECORD SET

REASONABLE LEVEL OF ACCURACY CAN BE EXPECTED, BUT NO WARRANTY OF 100% ACCURACY IS MADE OR IMPLIED
SEPT. 10, 1998

CONTRACTOR VERIFIED AS-BUILTS - AUG. 25, 1998

VINCENT
DESIGN
GROUP

architects/planners

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401 EAST 1700 SOUTH
SALT LAKE CITY, UTAH
84115 (801) 484-2046

NEW BUILDING:

STATE LIQUOR STORE

ALCOHOLIC BEVERAGE CONTROL
DCFM PROJECT NO. AB: 91-041

LIQUOR STORE #6

3305 WEST 5400 SOUTH
TAYLORSVILLE, UTAH

ELECTRICAL SITE PLAN, SCHEDULES & RISERS

DATE: AUG. 22, 1997

FILE NO. 91-30

DRAWN BY: W.B.G.

CHECKED BY: R.G.K.

SHEET

E-2

SHEET 2 OF 2 SHEETS